

KV-2762EC

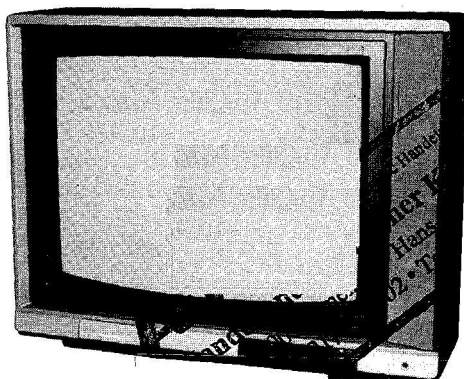
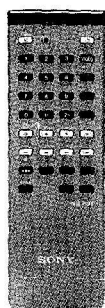
RM-635

SERVICE MANUAL

AEP Model

Chassis No. SCC-660C-A

KV-2762FE



RX CHASSIS

September, 1985

SPECIFICATIONS

KV-2762EC

Television system	CCIR TV standards (system B, G, and H)
Colour system	PAL
Channel coverage	VHF channels E2-U20 UHF channels E21-E68
Programming system	30 programmes Automatic programming digital tuning
Picture tube	Approx. 68 cm (27 inches), approx. 64 cm screen measured diagonally 114-degree deflection Trinitron system
Aerial	75-ohm standard aerial socket (DIN 45325/IEC 169-2)
Speakers	Two-way Approx. 5 cm dia Approx. 8 cm dia
Audio output	10 W (music power)
Input	21-pin connector in accordance with the requirements of CENELEC standard
Outputs	Audio output connector (5-pin DIN) Recording output: 1 mV rms/kilohm Line output: variable, 0-2 V rms (max.) impedance less than 1 kilohm External speaker terminals (2-pin DIN) For 8-16 ohm speakers Earphone jack

Power requirements	220-240 V ac, 50 Hz
Power consumption	160 W (approx. 6 W in standby condition)
Dimensions	Approx. 740 x 583 x 470 mm (w/h/d)
Weight	Approx. 46.5 kg
Accessory supplied	RM-635 Remote Commander (1)
Optional accessory	OPK-203 teletext adaptor OPK-202 SECAM adaptor

Design and specifications are subject to change without notice.

RM-635 REMOTE COMMANDER

Remote control system	Infrared control
Power requirements	3 V dc 2 IEC designation R03 batteries (size AAA)
Dimensions	Approx. 54 x 165 x 16 mm (w/h/d)
Weight	Approx. 100 g including batteries
Accessory supplied	IEC designation R03 battery (2)

Design and specifications are subject to change without notice.



TRINITRON® COLOR TV
SONY®



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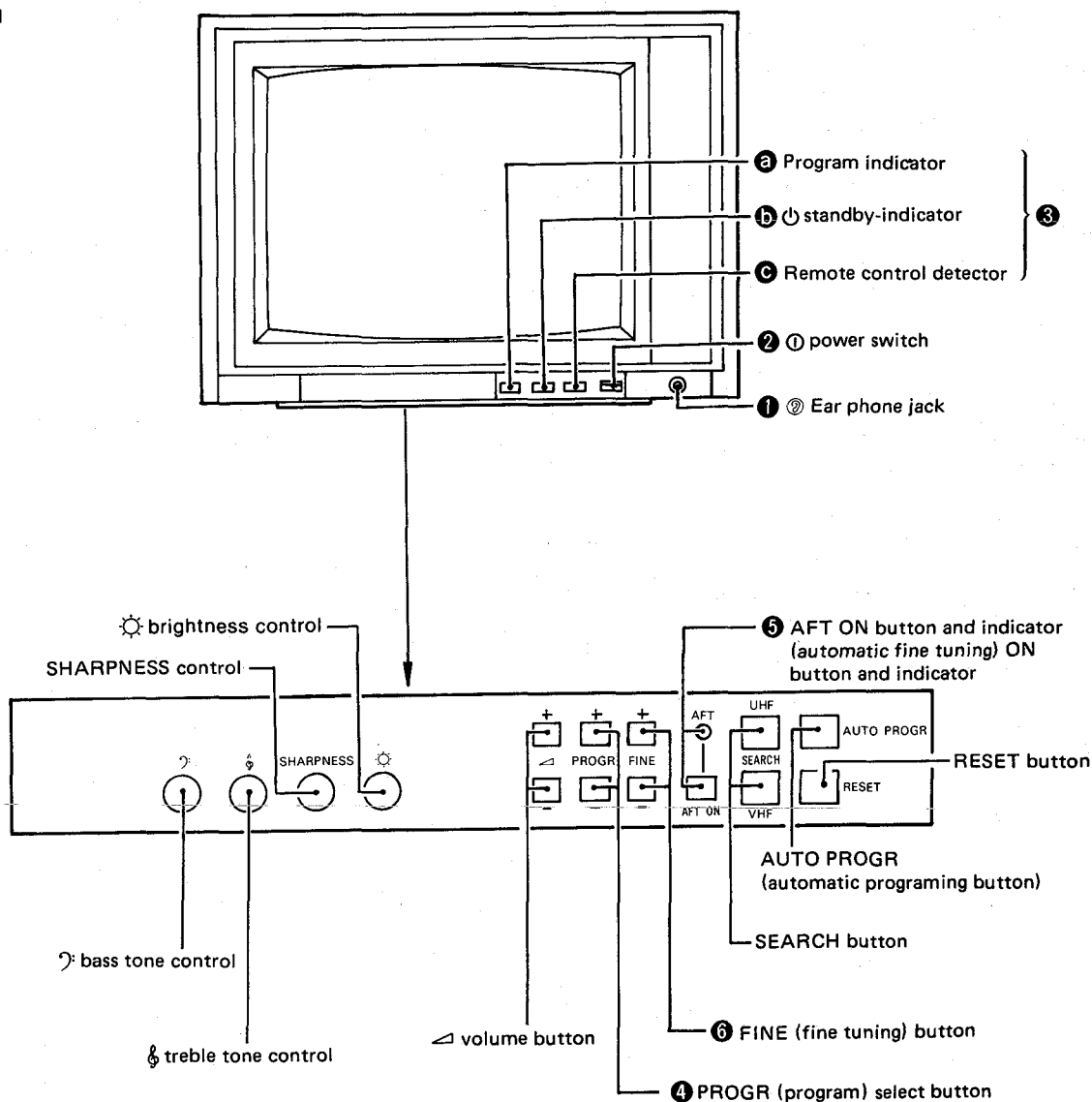
SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARK  ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL TO SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

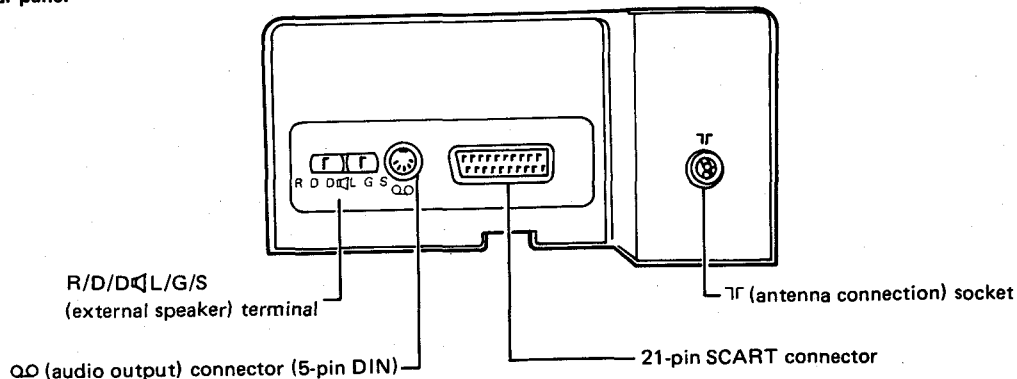
SECTION 1 GENERAL

1-1. LOCATION AND FUNCTION OF CONTROLS

Front panel



Rear panel



① ② (Ear phones) jack

Connect Ear phone here. Speaker sound will be disconnected. To hear the sound from the speakers disconnect the headphones.

② ① (power) switch

Press to turn the TV on. Press again to turn the power off.

③ Indicator window

a Program indicator

b (standby) indicator

Lights up when the TV is turned off with the Remote Commander. When any of the buttons on the Remote Commander is pressed this lamp blinks.

c Remote control detector

Point the infrared transmitter of the supplied Remote Commander here.

④ PROGRAM (program) select buttons

Press either + or - to select a preset program (from positions 1 through 30). Press + for higher numbered programs and - for lower numbered programs. Programs will be changed continuously in sequence. The selected program number will appear on the program indicator.

⑤ AUTOMATIC FINE TUNING

When the AFT circuit activates the indicator illuminates.

Press the AFT ON button to restore the AFT on the channel which has been fine-tuned manually with the FINE buttons. After the automatic programing is finished or after a station is tuned and memorized in the manual programing system the AFT circuit will automatically reactivate.

⑥ FINE (fine tuning) buttons

Keep either + or - depressed to get a clear picture for each unsatisfactory channel. The AFT circuit will be automatically deactivated.

SECTION 2

EXPLODED VIEWS

NOTE:

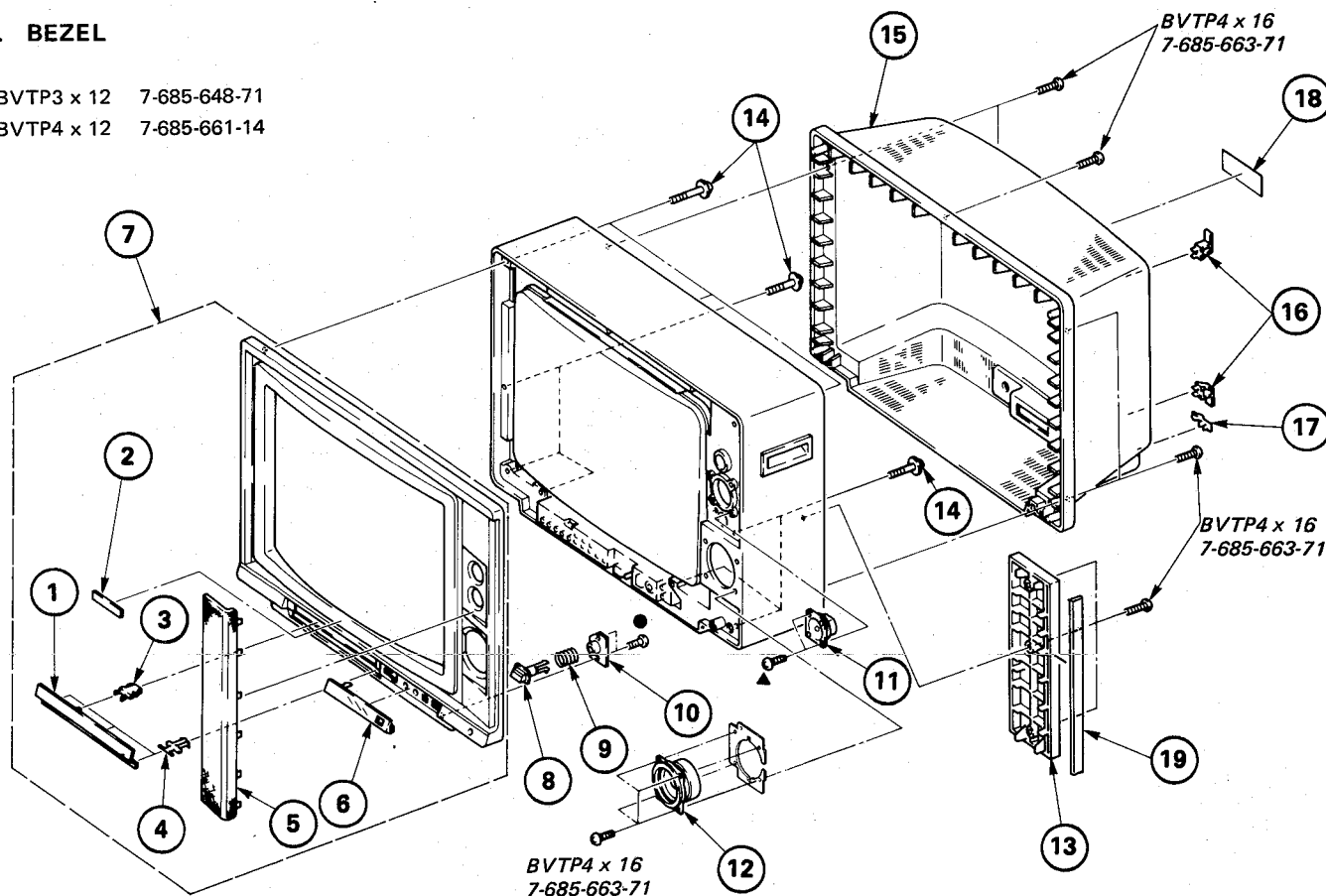
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark **A** are critical for safety. Replace only with part number specified.

2-1. BEZEL

- : BVTP3 x 12 7-685-648-71
▲ : BVTP4 x 12 7-685-661-14

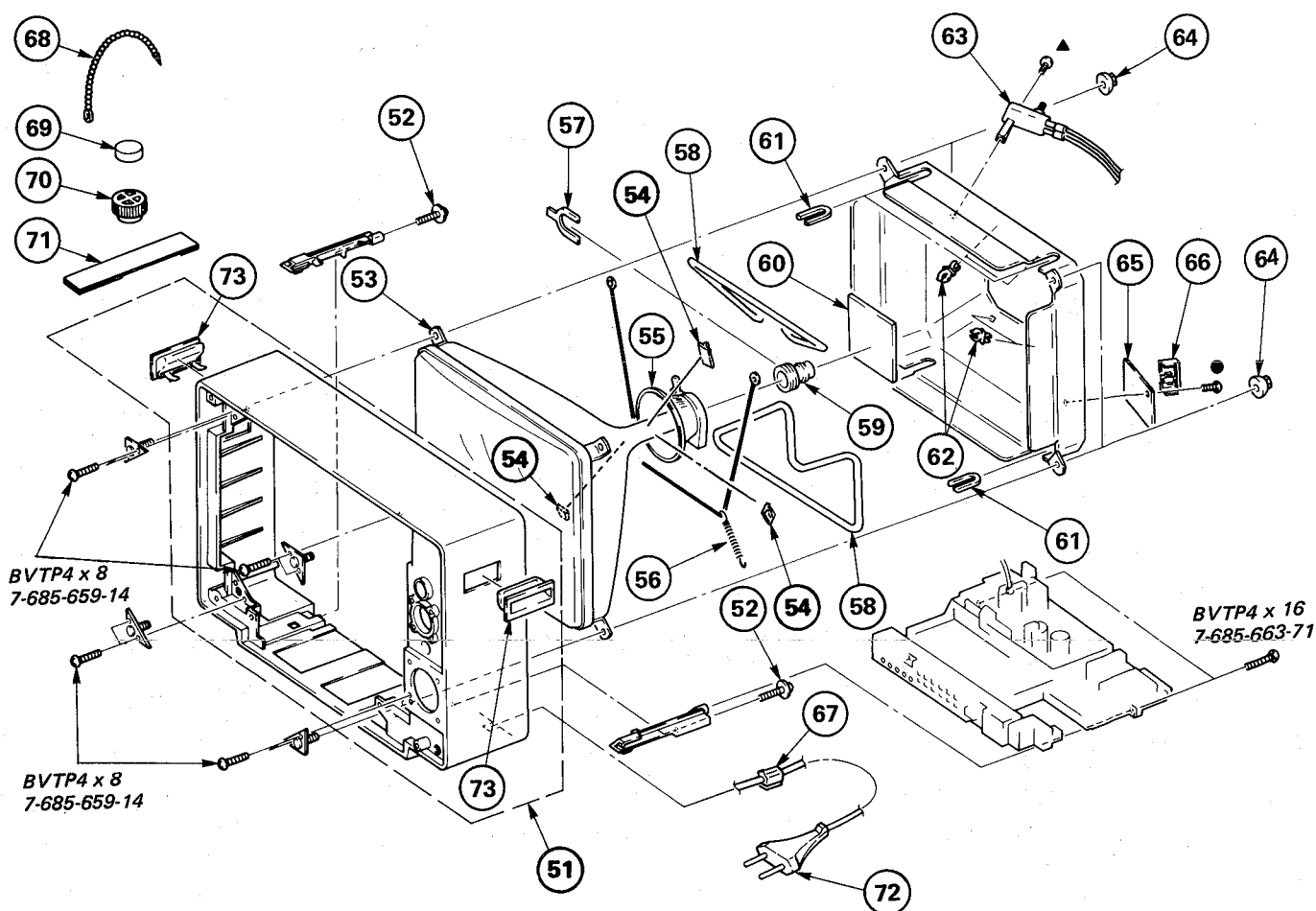


KV-2762EC MECHA 1/1

No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
1	X-4359-308-1	DOOR ASSY, CONTROL		11	1-503-314-11	SPEAKER	
2	3-703-829-01	EMBLEM (LARGE), SONY		12	1-503-315-11	SPEAKER	
3	4-352-034-00	CATCHER, PUSH		13	*4-359-314-01	LID, SPEAKER BOX	
4	3-703-035-11	SHAFT, LID		14	4-319-520-00	SCREW, SPECIAL (+PW4X30)	
5	4-359-315-01	ORNAMENT, SPEAKER		15	4-359-319-01	COVER, BACK	
6	4-359-313-01	WINDOW, ORNAMENTAL		16	4-316-003-00	HOLDER, CORD	
7	X-4359-309-1	BEZEL ASSY	1-6	17	4-329-127-00	CLAMP, CORD	
8	X-4362-201-0	BUTTON ASSY, POWER		18	*4-359-348-01	LABEL, MODEL NUMBER	
9	4-362-278-00	SPRING, COMPRESSION		19	*4-359-309-01	CUSHION	
10	*4-362-206-00	HOLDER, POWER BUTTON					

2-2. CABINET

- : BVTP3 x 12 7-685-648-71
- ▲ : BVTP4 x 12 7-685-661-14



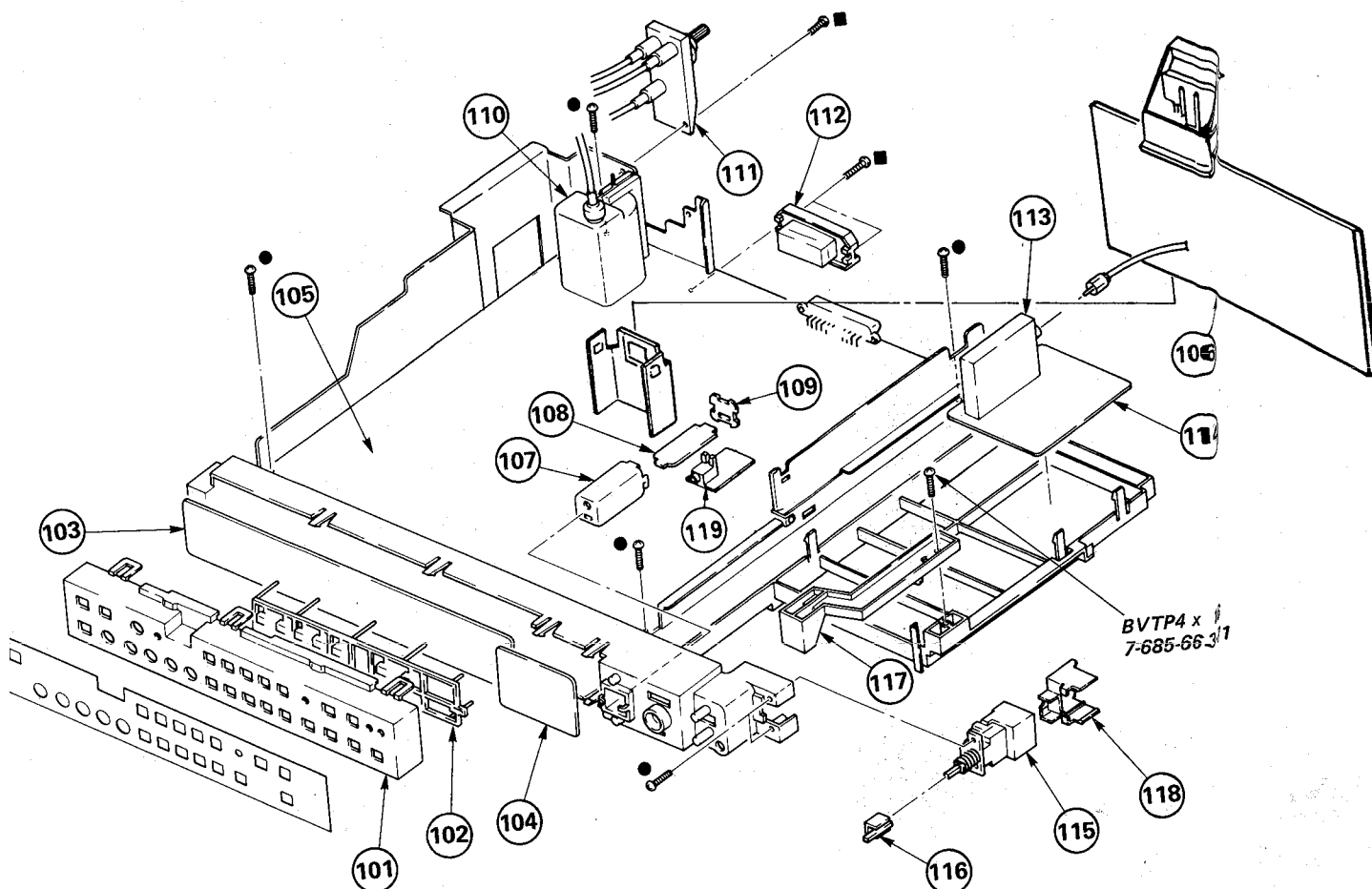
No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
51	X-4359-307-3	CABINET ASSY	73	63	▲1-228-544-11	RESISTOR ASSY, HIGH-VOLTAGE	
52	4-314-529-00	HEAD, WASHER, TAPPING SCREW		64	4-330-305-00	NUT, SPECIAL	
53	▲8-736-751-05	CRT (A64JKB00X)		65	*A-1245-285-A	F BOARD, COMPLETE	
54	3-703-003-00	SPACER, DY		66	*4-375-709-01	COVER, FUSE	
55	▲1-451-156-41	DEFLECTION YOKE (SY-105)		67	▲4-022-115-01	HOLDER, AC CORD	
56	4-303-774-XX	SPRING		68	4-308-870-00	CLIP, LEAD WIRE	
57	1-452-146-21	MAGNET, BMC		69	1-452-032-00	MAGNET, DISK; 10MM Ø	
58	▲1-426-041-21	COIL, DEGAUSSING		70	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM Ø	
59	▲1-452-315-11	CRT NECK ASSY (NA303)		71	X-4308-815-0	PERMALLOY ASSY, CONVERGENCE	
60	*A-1330-622-A	C BOARD, COMPLETE		72	▲1-551-270-31	CORD, POWER	
61	*4-330-306-00	BUSHING, CRT INSULATING		73	4-336-035-32	HANDLE	
62	*4-322-922-00	HOLDER, COIL, DEGAUSSER					

NOTE:

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

HASSIS

P3 x 8 7-685-646-71
P3 x 12 7-685-648-71



No.	Part No.	Description
101	4-359-320-01	PANEL, CONTROL
102	4-359-310-11	BUTTON, MULTI
103	*1-612-738-11	H1 BOARD
104	*1-612-739-11	H2 BOARD
105	*A-1345-547-A	D BOARD, COMPLETE
106	*A-1340-720-A	D1 BOARD, COMPLETE
107	*4-342-117-00	CASE, SHIELD (MAIN), R
108	*1-611-717-11	N BOARD
109	*4-342-118-00	LID, SHIELD CASE, R

Remark	No.	Part No.	Description	Remark
	110	Δ 1-439-332-51	TRANSFORMER ASSY, FLYBACK	
	111	Δ 1-215-066-21	RES ASSY, HIGH-VOLTAGE	
	112	Δ 1-536-797-11	TERMINAL BOARD ASSY, ANTENNA	
	113	Δ 1-463-577-11	TUNER, ET (BT-883A)	
	114	*A-1296-025-A	A BOARD, COMPLETE	
	115	Δ 1-554-762-21	SWITCH, PUSH (AC POWER) (KEY)	
	116	4-368-611-00	CAP, SWITCH	
	117	*4-359-343-01	STOPPER, AC SWITCH	
	118	*4-373-216-01	CAP, INSULATING, POWER SWITCH	
	119	*1-615-568-11	J3 BOARD	

NOTE:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

KV-2762EC
RM-635

F

SECTION 3 ELECTRICAL PARTS LIST

NOTE:

The components identified by shading and mark **A** are critical for safety. Replace only with part number specified.

When indicating parts by reference number, please include the board name.

• Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

• All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

CAPACITORS
• MF : μ F, PF : μ PF

RESISTORS
• All resistors are in ohms
• F : nonflammable

COILS
• MMH : mH, UH : μ H

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
*A-1245-285-A F BOARD, COMPLETE *****				DIODE			
CAPACITOR				D601	8-719-503-06	DIODE S3WB60Z	
C601	A.1-108-745-62	MYLAR	0.22MF 20% 300V	D602	8-719-100-65	DIODE RD12E-B2	
C602	A.1-117-121-51	PAPER	0.22MF 20% 250V	D603	8-719-911-19	DIODE 1SS119	
C603	A.1-161-738-12	CERAMIC	0.0047MF 20% 400V	D604	8-759-157-40	IC UPC574J	
C604	A.1-161-738-12	CERAMIC	0.0047MF 20% 400V	D605	8-719-901-93	DIODE V19E	
C605	A.1-161-738-12	CERAMIC	0.0047MF 20% 400V	D606	8-719-911-19	DIODE 1SS119	
C606	A.1-161-738-12	CERAMIC	0.0047MF 20% 400V	D607	8-719-911-19	DIODE 1SS119	
C607	1-161-964-00	CERAMIC	0.0047MF 250V	D608	8-719-911-19	DIODE 1SS119	
C608	A.1-161-964-61	CERAMIC	0.0047MF 250V	D609	8-719-305-15	DIODE GH3F	
C609	A.1-161-964-61	CERAMIC	0.0047MF 250V	D651	8-719-928-08	DIODE ERD28-08S	
C610	1-125-318-00	ELECT(BLOCK)	220MF 20% 400V	D652	8-719-901-93	DIODE V19E	
C611	1-110-175-81	MYLAR	0.1MF 10% 100V	D653	8-719-901-93	DIODE V19E	
C612	1-130-022-00	FILM	0.0022MF 5% 50V	D654	8-719-901-93	DIODE V19E	
C613	1-123-356-00	ELECT	10MF 20% 16V	D654A	8-719-901-93	DIODE V19E	
C614	1-123-369-00	ELECT	4.7MF 20% 25V	D655	8-719-901-93	DIODE V19E	
C615	1-102-106-00	CERAMIC	100PF 10% 50V	D655A	8-719-901-93	DIODE V19E	
C616	1-123-369-00	ELECT	4.7MF 20% 25V	D656	8-719-901-93	DIODE V19E	
C617	1-110-186-81	MYLAR	0.0047MF 10% 400V	D657	8-719-901-93	DIODE V19E	
C618	1-102-030-00	CERAMIC	330PF 10% 500V	D658	8-719-102-74	DIODE RD6.2E-N2	
C619	1-110-182-81	MYLAR	0.022MF 10% 250V	D659	8-719-102-79	DIODE RD6.8E-N3	
C620	1-123-332-00	ELECT	47MF 20% 16V	D660	8-719-911-19	DIODE 1SS119	
C621	1-136-065-00	FILM	0.0027MF 3% 2KV	D661	8-719-911-19	DIODE 1SS119	
C622	1-123-385-00	ELECT	22MF 20% 100V	D663	8-719-102-74	DIODE RD6.2E-N2	
C623	1-161-973-00	CERAMIC	220PF 10% 400V	D664	8-719-100-65	DIODE RD12E-B2	
C624	1-161-973-00	CERAMIC	220PF 10% 400V	CONNECTOR			
C625	1-123-379-00	ELECT	0.47MF 20% 50V	F1	*1-506-349-21	3P PLUG (L)	
C626	1-123-381-00	ELECT	2.2MF 20% 50V	F2	*1-508-765-00	3P PLUG (M)	
C627	1-123-380-00	ELECT	1MF 20% 50V	F3	*1-508-786-00	2P PLUG (M)	
C628	1-108-618-91	MYLAR	0.0022MF 10% 100V	F4	*1-508-765-00	3P PLUG (M)	
C632	1-102-002-00	CERAMIC	680PF 10% 500V	F6	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P	
C633	A.1-108-745-62	MYLAR	0.22MF 20% 300V	F7	*1-564-883-11	PLUG, CONNECTOR 6P	
C634	1-110-175-81	MYLAR	0.1MF 10% 100V	FUSE			
C651	1-102-155-00	CERAMIC	330PF 20% 2KV	F601	A.1-532-465-31	FUSE 3.15A	
C652	1-124-347-00	ELECT	100MF 20% 160V		1-533-149-00	HOLDER, FUSE; F601	
C653	1-123-364-00	ELECT	1000MF 20% 50V	IC			
C654	1-123-606-00	ELECT	1000MF 20% 25V	IC601	8-759-100-75	IC UPC1394C	
C655	1-123-334-00	ELECT	220MF 20% 25V	IC602	A.8-719-800-82	DIODE TLP581	
C656	1-102-038-00	CERAMIC	0.001MF 500V	IC651	8-759-145-58	IC UPC4558C	
C658	1-123-332-00	ELECT	47MF 20% 16V	COIL			
C659	1-102-112-00	CERAMIC	330PF 10% 50V	L601	1-407-365-00	COIL, CHOKE	
C660	1-123-356-00	ELECT	10MF 20% 50V	L651	1-425-613-00	COIL, AIR-CORE, QF TYPE	
C661	1-123-333-00	ELECT	100MF 20% 16V	L652	1-459-442-00	COIL (WITH CORE)	
C662	1-110-190-81	MYLAR	0.01MF 10% 400V	TRANSISTOR			
C663	1-123-380-00	ELECT	1MF 20% 50V	Q601	8-729-195-82	TRANSISTOR 2SC2958	
C664	1-123-380-00	ELECT	1MF 20% 50V	Q602	8-729-301-00	TRANSISTOR 2SD1497-02	
C666	1-123-307-00	ELECT	100MF 20% 6.3V		4-365-216-00	SPACER, MICA; Q602	
C667	1-102-121-00	CERAMIC	0.0022MF 10% 50V				

F N A

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
	*4-368-683-01	SPRING; Q602		R666	1-215-144-00	METAL 470 5% 1/4W	
Q603	8-729-245-83	TRANSISTOR 2SC2458		R667	1-215-126-81	METAL 82 5% 1/4W	
Q604	8-729-204-83	TRANSISTOR 2SA1048GR		R668	1-215-778-91	METAL 47K 5% 1/6W	
Q651	8-729-109-53	TRANSISTOR 2SD795A		R669	1-215-166-00	METAL 3.9K 5% 1/4W	
	*4-323-833-00	HEAT SINK, PIN OUT; Q651		R670	1-215-746-91	METAL 2.2K 5% 1/6W	
Q652	8-729-245-83	TRANSISTOR 2SC2458					
		RESISTOR				VARIABLE RESISTOR	
R601	△ 1-217-328-11	WIREWOUND 2.7 10% 7W F		RV651	1-228-720-00	RES, ADJ, CERAMIC CARBON 1K	
R602	△ 1-244-945-91	CARBON 1M 5% 1/2W		RV652	1-230-521-11	RES, ADJ, METAL GLAZE 2.2K	
R603	△ 1-217-310-11	WIREWOUND 100 10% 5W F				TRANSFORMER	
R604	△ 1-247-289-11	CARBON 8.2M 5% 1W		T601	△ 1-421-758-11	TRANSFORMER, LINE FILTER (LFT)	
R605	1-215-798-91	METAL 330K 5% 1/6W		T602	△ 1-421-412-11	COIL, FERRITE	
R606	1-215-770-91	METAL 22K 5% 1/6W		T603	1-437-079-00	TRANSFORMER, HPRIZONTAL DRIVE	
R608	1-215-746-91	METAL 2.2K 5% 1/6W		T605	△ 1-421-652-11	TRANSFORMER, FERRITE (SRT)	
R609	1-215-871-11	METAL OXIDE 2.2K 5% 1W F				THERMISTOR	
R611	1-215-776-91	METAL 39K 5% 1/6W		TH601	1-800-944-00	THERMISTOR TH-4700	
R612	△ 1-215-904-51	METAL OXIDE 100K 5% 2W F		TH651	1-800-944-00	THERMISTOR TH-4700	
R613	1-215-872-11	METAL OXIDE 3.3K 5% 1W F		THP601	△ 1-806-387-11	THERMISTOR (POSITIVE)	
R614	1-216-458-11	METAL OXIDE 1.8K 5% 2W F				*****	
R615	1-205-793-00	CEMENTED 30K 10% 10W			*1-611-717-11	N BOARD	
R616	1-215-772-91	METAL 27K 5% 1/6W			*****		
R621	1-215-762-91	METAL 10K 5% 1/6W			*4-342-117-00	CASE, SHIELD (MAIN), R	
R622	1-215-770-91	METAL 22K 5% 1/6W			*4-342-118-00	LID, SHIELD CASE, R	
R623	1-215-162-00	METAL 2.7K 5% 1/4W				CAPACITOR	
R624	1-215-754-91	METAL 4.7K 5% 1/6W		C1	1-123-611-00	ELECT 1MF 20% 50V	
R625	1-215-786-91	METAL 100K 5% 1/6W		C2	1-123-613-00	ELECT 3.3MF 20% 50V	
R626	1-215-150-00	METAL 820 5% 1/4W		C3	1-102-112-00	CERAMIC 330PF 10% 50V	
R627	1-215-722-91	METAL 220 5% 1/6W		C4	1-123-821-00	ELECT 47MF 20% 16V	
R628	1-215-796-91	METAL 270K 5% 1/6W				DIODE	
R629	1-215-758-91	METAL 6.8K 5% 1/6W		D1	8-719-110-32	DIODE PH302B	
R630	1-215-112-00	METAL 22 5% 1/4W				IC	
R631	1-205-728-00	CEMENTED 47 10% 7W		IC1	8-752-010-60	IC CX20106	
R632	1-217-192-00	WIREWOUND 0.22 10% 2W F				RESISTOR	
R633	1-215-798-91	METAL 330K 5% 1/6W		R1	1-247-799-00	CARBON 47 5% 1/6W	
R634	1-215-800-91	METAL 390K 5% 1/6W		R2	1-247-775-00	CARBON 4.7 5% 1/6W	
R635	1-215-756-91	METAL 5.6K 5% 1/6W		R3	1-214-784-00	METAL 200K 1% 1/4W	
R636	1-215-803-91	METAL 510K 5% 1/6W		R4	1-247-863-00	CARBON 22K 5% 1/6W	
R637	1-215-770-91	METAL 22K 5% 1/6W				*****	
R638	1-215-747-91	METAL 2.4K 5% 1/6W			*A-1296-025-A	A BOARD, COMPLETE	
R639	1-215-754-91	METAL 4.7K 5% 1/6W			*****		
R640	△ 1-215-200-00	METAL 100K 5% 1/4W			*4-336-030-00	CASE (MAIN), SHIELD, VIF	
R641	△ 1-215-200-00	METAL 100K 5% 1/4W			*4-359-334-01	CASE (UPPER LID), SHIELD, VIF	
R651	1-216-455-11	METAL OXIDE 560 5% 2W F			*4-359-335-01	CASE (BOTTOM LID), SHIELD, VIF	
R652	1-216-430-11	METAL OXIDE 390 5% 1W F					
R653	1-215-754-91	METAL 4.7K 5% 1/6W					
R654	1-216-464-11	METAL OXIDE 18K 5% 2W F					
R659	1-215-865-11	METAL OXIDE 220 5% 1W F					
R660	1-216-370-11	METAL OXIDE 1.2 5% 2W F					
R662	1-215-776-91	METAL 39K 5% 1/6W					
R663	1-215-764-91	METAL 12K 5% 1/6W					
R664	1-215-200-00	METAL 100K 5% 1/4W					
R665	1-215-753-91	METAL 4.3K 5% 1/6W					

NOTE:

The components identified by shading and mark △ are critical for safety. Replace only with part number specified.

A

Ref.No.	Part No.	Description	Remark				Ref.No.	Part No.	Description	Remark			
<u>CONNECTOR</u>							<u>FILTER</u>						
A2	*1-560-126-00	PLUG, CONNECTOR (2.5MM) 6P					C149	1-102-074-00	CERAMIC	0.001MF	10%	50V	
A3	*1-564-884-11	PLUG, CONNECTOR 7P					C151	1-110-171-81	MYLAR	0.047MF	10%	100V	
<u>CAPACITOR</u>							C152	1-102-529-00	CERAMIC	100PF	5%	50V	
C101	1-123-356-00	ELECT	10MF	20%	16V		C153	1-102-973-00	CERAMIC	100PF	10%	50V	
C102	1-123-356-00	ELECT	10MF	20%	16V		<u>DIODE</u>						
C103	1-123-356-00	ELECT	10MF	20%	16V		CF101	1-404-134-00	TRAP, CERAMIC (5.5MHZ)				
C104	1-123-323-00	ELECT	470MF	20%	16V		CF102	1-527-263-00	CERAMIC FILTER (5.5MHZ)				
C105	1-123-356-00	ELECT	10MF	20%	16V		<u>IC</u>						
C106	1-102-530-00	CERAMIC	120PF	5%	50V		D101	8-719-102-71	DIODE RD5.6E-N2				
C107	1-102-530-00	CERAMIC	120PF	5%	50V		D102	8-719-911-19	DIODE 1SS119				
C108	1-102-518-00	CERAMIC	33PF	5%	50V		D103	8-719-911-19	DIODE 1SS119				
C109	1-110-173-81	MYLAR	0.068MF	10%	100V		<u>COIL</u>						
C110	1-110-173-81	MYLAR	0.068MF	10%	100V		IC101	8-759-602-16	IC M54572L				
C111	1-102-963-00	CERAMIC	33PF	5%	50V		IC102	8-759-909-08	IC TDA3541				
C112	1-123-318-00	ELECT	33MF	20%	16V		IC103	8-759-003-90	IC TBA129				
C113	1-102-852-00	CERAMIC	47PF	5%	50V		<u>TRANSISTOR</u>						
C114	1-102-125-00	CERAMIC	0.0047MF	10%	50V		L101	1-404-476-00	COIL, IF				
C115	1-102-125-00	CERAMIC	0.0047MF	10%	50V		L102	1-404-476-00	COIL, IF				
C116	1-102-125-00	CERAMIC	0.0047MF	10%	50V		L103	1-408-432-31	MICRO INDUCTOR 1.5UH				
C117	1-102-125-00	CERAMIC	0.0047MF	10%	50V		L104	1-404-493-00	COIL				
C118	1-161-328-00	CERAMIC	0.0047MF	30%	50V		L105	1-404-493-00	COIL				
C119	1-123-381-00	ELECT	2.2MF	20%	50V		L106	1-407-690-00	MICRO INDUCTOR 5.6UH				
C120	1-102-125-00	CERAMIC	0.0047MF	10%	50V		L107	1-408-409-00	MICRO INDUCTOR 10UH				
C121	1-102-125-00	CERAMIC	0.0047MF	10%	50V		L108	1-408-408-00	MICRO INDUCTOR 8.2UH				
C122	1-102-125-00	CERAMIC	0.0047MF	10%	50V		L109	1-408-247-00	MICRO INDUCTOR 33MMH				
C123	1-102-525-00	CERAMIC	68PF	5%	50V		L110	1-404-555-21	COIL				
C124	1-102-525-00	CERAMIC	68PF	5%	50V		L111	1-408-411-00	MICRO INDUCTOR 15UH				
C125	1-102-125-00	CERAMIC	0.0047MF	10%	50V		L112	1-407-704-00	MICRO INDUCTOR 82UH				
C126	1-123-380-00	ELECT	1MF	20%	50V		L116	1-407-489-00	MICRO INDUCTOR 560UH				
C127	1-102-125-00	CERAMIC	0.0047MF	10%	50V		L117	1-407-681-00	MICRO INDUCTOR 1UH				
C128	1-102-125-00	CERAMIC	0.0047MF	10%	50V		<u>RESISTOR</u>						
C129	1-123-318-00	ELECT	33MF	20%	16V		R102	1-215-750-91	METAL	3.3K	5%	1/6W	
C130	1-102-973-00	CERAMIC	100PF	5%	50V		R103	1-215-750-91	METAL	3.3K	5%	1/6W	
C131	1-123-332-00	ELECT	47MF	20%	16V		R104	1-215-760-91	METAL	8.2K	5%	1/6W	
C132	1-101-361-00	CERAMIC	150PF	5%	50V		R105	1-215-738-91	METAL	1K	5%	1/6W	
C133	1-123-369-00	ELECT	4.7MF	20%	25V		R106	1-215-738-91	METAL	1K	5%	1/6W	
C134	1-102-121-00	CERAMIC	0.0022MF	10%	50V		R107	1-215-710-91	METAL	68	5%	1/6W	
C135	1-106-184-00	MYLAR	0.0033MF	5%	50V		R108	1-215-770-91	METAL	22K	5%	1/6W	
C136	1-123-318-00	ELECT	33MF	20%	16V		R109	1-215-798-91	METAL	330K	5%	1/6W	
C137	1-123-318-00	ELECT	33MF	20%	16V		R110	1-215-746-91	METAL	2.2K	5%	1/6W	
C138	1-101-004-00	CERAMIC	0.01MF	5%	50V								
C139	1-104-077-00	POLYSTYRENE	0.001MF	5%	50V								
C140	1-110-171-81	MYLAR	0.047MF	10%	100V								
C141	1-102-959-00	CERAMIC	22PF	5%	50V								
C142	1-102-959-00	CERAMIC	22PF	5%	50V								
C143	1-101-004-00	CERAMIC	0.01MF	5%	50V								
C144	1-101-004-00	CERAMIC	0.01MF	5%	50V								
C145	1-123-356-00	ELECT	10MF	20%	16V								
C146	1-102-851-00	CERAMIC	15PF	5%	50V								
C147	1-102-125-00	CERAMIC	0.0047MF	10%	50V								

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
Q707	8-729-200-17	TRANSISTOR 2SA1091		R748	1-202-824-00	SOLID 3.3K 10% 1/2W	
Q708	8-729-200-17	TRANSISTOR 2SA1091		R751	1-215-740-91	METAL 1.2K 5% 1/6W	
Q709	8-729-200-17	TRANSISTOR 2SA1091		R752	1-215-756-91	METAL 5.6K 5% 1/6W	
Q710	8-729-204-83	TRANSISTOR 2SA1048GR		R753	1-215-732-91	METAL 560 5% 1/6W	
Q711	8-729-204-83	TRANSISTOR 2SA1048GR		R754	1-215-772-91	METAL 27K 5% 1/6W	
Q712	8-729-204-83	TRANSISTOR 2SA1048GR		R755	1-215-714-91	METAL 100 5% 1/6W	
Q713	8-729-204-83	TRANSISTOR 2SA1048GR		R756	1-215-742-91	METAL 1.5K 5% 1/6W	
Q714	8-729-900-36	TRANSISTOR DTC124ES		R757	1-215-714-91	METAL 100 5% 1/6W	
Q751	8-729-245-83	TRANSISTOR 2SC2458		R758	1-215-722-91	METAL 220 5% 1/6W	
Q752	8-729-245-83	TRANSISTOR 2SC2458		R760	1-215-726-91	METAL 330 5% 1/6W	
Q753	8-729-103-43	TRANSISTOR 2SB734		R761	1-215-762-91	METAL 10K 5% 1/6W	
Q754	8-729-177-43	TRANSISTOR 2SD774		R762	1-215-802-91	METAL 470K 5% 1/6W	
RESISTOR				R763	1-215-762-91	METAL 10K 5% 1/6W	
R701	1-215-899-11	METAL OXIDE 15K 5% 2W	F	R764	1-246-981-00	CARBON 4.7 5% 1/8W	F
R702	1-215-899-11	METAL OXIDE 15K 5% 2W	F	R765	1-246-981-00	CARBON 4.7 5% 1/8W	F
R703	1-215-899-11	METAL OXIDE 15K 5% 2W	F	R766	1-215-740-91	METAL 1.2K 5% 1/6W	
R704	1-247-131-00	CARBON 1K 5% 1/4W	F	R767	1-215-744-91	METAL 1.8K 5% 1/6W	
R705	1-247-131-00	CARBON 1K 5% 1/4W	F	R768	1-216-449-11	METAL OXIDE 56 5% 2W	F
R706	1-247-131-00	CARBON 1K 5% 1/4W	F	R769	1-217-403-00	FUSIBLE 220 5% 1/4W	F
R707	1-215-754-91	METAL 4.7K 5% 1/6W		VARIABLE RESISTOR			
R708	1-215-754-91	METAL 4.7K 5% 1/6W		RV701	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K	
R709	1-215-754-91	METAL 4.7K 5% 1/6W		RV702	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K	
R710	1-214-784-00	METAL 200K 1% 1/4W		RV741A	1-226-157-11	RES, ADJ, METAL GLAZE 1M	
R711	1-214-784-00	METAL 200K 1% 1/4W		SPARK GAP			
R712	1-214-784-00	METAL 200K 1% 1/4W		SG701	1-519-063-XX	DISCHARGING GAP	
R713	1-215-760-91	METAL 8.2K 5% 1/6W		SG702	1-519-063-XX	DISCHARGING GAP	
R714	1-215-760-91	METAL 8.2K 5% 1/6W		SG703	1-519-063-XX	DISCHARGING GAP	
R715	1-215-761-91	METAL 9.1K 5% 1/6W		*****			
R716	1-215-176-00	METAL 10K 5% 1/4W		*A-1340-720-A D1 BOARD, COMPLETE			
R717	1-215-176-00	METAL 10K 5% 1/4W		*****			
R718	1-215-176-00	METAL 10K 5% 1/4W		CAPACITOR			
R719	1-215-740-91	METAL 1.2K 5% 1/6W		C1528	1-123-380-00	ELECT 1MF 20% 50V	
R720	1-215-740-91	METAL 1.2K 5% 1/6W		C1554	1-123-330-00	ELECT 22MF 20% 16V	
R721	1-215-740-91	METAL 1.2K 5% 1/6W		C1555	1-123-356-00	ELECT 10MF 20% 16V	
R722	1-215-750-91	METAL 3.3K 5% 1/6W		C1556	1-124-009-11	ELECT 47MF 20% 25V	
R723	1-215-750-91	METAL 3.3K 5% 1/6W		C1557	1-123-382-00	ELECT 3.3MF 20% 50V	
R724	1-215-750-91	METAL 3.3K 5% 1/6W		C1558	1-124-661-11	ELECT 100MF 20% 50V	
R725	1-214-958-00	METAL 560K 1% 1/4W		C1559	1-110-184-81	MYLAR 0.033MF 10% 250V	
R726	1-214-955-00	METAL 430K 1% 1/4W		C1560	1-110-188-81	MYLAR 0.0068MF 10% 400V	
R727	1-214-952-00	METAL 330K 1% 1/4W		C1561	1-110-174-81	MYLAR 0.082MF 10% 100V	
R730	1-215-890-11	METAL OXIDE 470 5% 2W	F	C1562	1-123-356-00	ELECT 10MF 20% 16V	
R731	1-215-762-91	METAL 10K 5% 1/6W		C1563	1-110-182-81	MYLAR 0.022MF 10% 250V	
R732	1-215-744-91	METAL 1.8K 5% 1/6W		C1564	1-129-701-00	FILM 0.01MF 5% 100V	
R733	1-215-734-91	METAL 680 5% 1/6W		C1565	1-110-186-81	MYLAR 0.0047MF 10% 400V	
R734	1-215-742-91	METAL 1.5K 5% 1/6W		C1567	1-110-190-81	MYLAR 0.01MF 10% 400V	
R741	1-207-458-00	WIREWOUND 0.39 10% 1/2W		C1568	1-123-333-00	ELECT 100MF 20% 16V	
R742	1-202-814-91	SOLID 33K 10% 1/2W		C1569	1-110-182-81	MYLAR 0.022MF 10% 250V	
R743	1-202-719-00	SOLID 1M 10% 1/2W		C1570	1-110-190-81	MYLAR 0.01MF 10% 400V	
R744	1-202-843-91	SOLID 270K 10% 1/2W		C1571	1-108-614-91	MYLAR 0.001MF 10% 100V	
R745	1-202-842-91	SOLID 220K 10% 1/2W					
R746	1-202-824-00	SOLID 3.3K 10% 1/2W					
R747	1-202-824-00	SOLID 3.3K 10% 1/2W					

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
C1573	1-123-380-00	ELECT	1MF 20% 50V	VARIABLE RESISTOR			
C1574	1-110-171-81	MYLAR	0.047MF 10% 100V	RV1551	1-226-771-00	RES, ADJ, METAL GLAZE 1K	
CONNECTOR				RV1552	1-228-719-00	RES, ADJ, CERAMIC CARBON 470	
D19	*1-562-370-21	CONNECTOR, BOARD TO BOARD 18P		RV1553	1-228-720-00	RES, ADJ, CERAMIC CARBON 1K	
DIODE				RV1554	1-228-724-00	RES, ADJ, CERAMIC CARBON 10K	
D1552	8-719-911-19	DIODE 1SS119		RV1555	1-228-718-00	RES, ADJ, CERAMIC CARBON 330	
IC				RV1557	1-228-718-00	RES, ADJ, CERAMIC CARBON 330	
IC1553	8-759-905-39	IC TDA1082		RV1559	1-228-724-00	RES, ADJ, CERAMIC CARBON 10K	
COIL				RV1560	1-228-728-00	RES, ADJ, CERAMIC CARBON 100K	
L1551	1-408-242-00	MICRO INDUCTOR 10MMH		RV1561	1-228-728-00	RES, ADJ, CERAMIC CARBON 100K	
L1552	1-408-247-00	MICRO INDUCTOR 33MMH		RV1562	1-228-725-00	RES, ADJ, CERAMIC CARBON 22K	
L1553	1-407-509-00	MICRO INDUCTOR 27MMH		THERMISTOR			
L1554	1-408-245-00	MICRO INDUCTOR 22MMH		TH1551	1-800-625-00	THERMISTOR	
TRANSISTOR				TH1552	1-806-110-00	THERMISTOR	
Q1553	8-729-374-02	TRANSISTOR 2SB740		*****			
Q1554	8-729-195-82	TRANSISTOR 2SC2958		*A-1345-547-A	D BOARD, COMPLETE	*****	
RESISTOR				4-303-483-00	HEAD, WASHER, TAPPING SCREW		
R1554	1-215-162-00	METAL	2.7K 5% 1/4W	CAPACITOR			
R1555	1-215-722-91	METAL	220 5% 1/6W	C001	1-123-307-00	ELECT	100MF 20% 10V
R1556	1-215-182-00	METAL	18K 5% 1/4W	C002	1-123-381-00	ELECT	2.2MF 20% 50V
R1557	1-215-768-91	METAL	18K 5% 1/6W	C003	1-102-973-00	CERAMIC	100PF 5% 50V
R1558	1-215-166-00	METAL	3.9K 5% 1/4W	C004	1-110-175-81	MYLAR	0.1MF 10% 100V
R1559	1-215-165-81	METAL	3.6K 5% 1/4W	C005	1-123-356-00	ELECT	10MF 20% 50V
R1560	1-215-722-91	METAL	220 5% 1/6W	C006	1-102-959-00	CERAMIC	22PF 5% 50V
R1561	1-215-132-00	METAL	150 5% 1/4W	C007	1-102-963-00	CERAMIC	33PF 5% 50V
R1562	1-215-182-00	METAL	18K 5% 1/4W	C008	1-123-356-00	ELECT	10MF 20% 50V
R1563	1-215-694-91	METAL	15 5% 1/6W	C009	1-102-114-00	CERAMIC	470PF 10% 50V
R1564	1-215-762-91	METAL	10K 5% 1/6W	C010	1-123-369-00	ELECT	4.7MF 20% 25V
R1565	1-216-451-11	METAL OXIDE	120 5% 2W F	C011	1-124-253-00	ELECT	0.47MF 20% 50V
R1566	1-215-176-00	METAL	10K 5% 1/4W	C012	1-101-004-00	CERAMIC	0.01MF 50V
R1568	1-215-716-91	METAL	120 5% 1/6W	C015	1-123-381-00	ELECT	2.2MF 20% 50V
R1569	1-216-423-11	METAL OXIDE	27 5% 1W F	C016	1-101-810-00	CERAMIC	100PF 5% 500V
R1570	1-247-242-00	CARBON	1.2K 5% 1/2W	C017	1-123-306-00	ELECT	47MF 20% 10V
R1571	1-215-865-11	METAL OXIDE	220 5% 1W F	C017A	1-123-307-00	ELECT	100MF 20% 10V
R1572	1-215-710-91	METAL	68 5% 1/6W	C018	1-110-175-81	MYLAR	0.1MF 10% 100V
R1573	1-215-798-91	METAL	330K 5% 1/6W	C019	1-123-306-00	ELECT	47MF 20% 10V
R1575	1-215-130-00	METAL	120 5% 1/4W	C020	1-102-112-00	CERAMIC	330PF 10% 50V
R1576	1-215-738-91	METAL	1K 5% 1/6W	C022	1-161-377-00	CERAMIC	0.0047MF 20% 50V
R1577	1-215-174-00	METAL	8.2K 5% 1/4W	C026	1-102-074-00	CERAMIC	0.001MF 10% 50V
R1578	1-215-802-91	METAL	470K 5% 1/6W	C201	1-102-114-00	CERAMIC	470PF 10% 50V
R1579	1-215-772-91	METAL	27K 5% 1/6W	C202	1-102-074-00	CERAMIC	0.001MF 10% 50V
R1580	1-215-804-91	METAL	560K 5% 1/6W	C203	1-123-380-00	ELECT	1MF 20% 50V
R1583	1-215-192-00	METAL	47K 5% 1/4W	C204	1-102-114-00	CERAMIC	470PF 10% 50V
R1586	1-215-712-91	METAL	82 5% 1/6W	C205	1-123-379-00	ELECT	0.47MF 20% 50V
				C206	1-102-074-00	CERAMIC	0.001MF 10% 50V
				C207	1-123-380-00	ELECT	1MF 20% 50V
				C208	1-123-332-00	ELECT	47MF 20% 16V
				C209	1-110-171-81	MYLAR	0.047MF 10% 100V

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Ref.No.	Part No.	Description			Remark	Ref.No.	Part No.	Description			Remark
C210	1-108-614-91	MYLAR	0.001MF	10%	100V	C313	1-123-356-00	ELECT	10MF	20%	25V
C211	1-123-380-00	ELECT	1MF	20%	50V	C314	1-123-381-00	ELECT	2.2MF	20%	50V
C212	1-123-369-00	ELECT	4.7MF	20%	50V	C315	1-123-381-00	ELECT	2.2MF	20%	50V
C213	1-123-356-00	ELECT	10MF	20%	16V	C316	1-110-186-81	MYLAR	0.0047MF	10%	400V
C214	1-123-356-00	ELECT	10MF	20%	16V	C317	1-110-182-81	MYLAR	0.022MF	10%	250V
C220	1-110-171-81	MYLAR	0.047MF	10%	100V	C318	1-131-345-00	TANTALUM	0.47MF	10%	35V
C221	1-108-614-91	MYLAR	0.001MF	10%	100V	C319	1-123-356-00	ELECT	10MF	20%	16V
C222	1-123-322-00	ELECT	330MF	20%	16V	C320	1-123-586-00	ELECT	0.1MF	20%	50V
C223	1-123-380-00	ELECT	1MF	20%	50V	C321	1-131-345-00	TANTALUM	0.47MF	10%	35V
C224	1-123-380-00	ELECT	1MF	20%	50V	C322	1-131-345-00	TANTALUM	0.47MF	10%	35V
C225	1-123-322-00	ELECT	330MF	20%	16V	C323	1-102-110-00	CERAMIC	220PF	10%	50V
C226	1-123-330-00	ELECT	22MF	20%	16V	C324	1-102-110-00	CERAMIC	220PF	10%	50V
C227	1-123-330-00	ELECT	22MF	20%	16V	C325	1-136-173-00	FILM	0.47MF	5%	50V
C228	1-102-945-00	CERAMIC	8PF	1PF	50V	C326	1-136-173-00	FILM	0.47MF	5%	50V
C229	1-102-108-00	CERAMIC	150PF	10%	50V	C327	1-121-705-00	ELECT	2.2MF	30%	25V
C230	1-110-184-81	MYLAR	0.033MF	10%	250V	C328	1-102-973-00	CERAMIC	100PF	5%	50V
C231	1-123-333-00	ELECT	100MF	20%	16V	C329	1-101-004-00	CERAMIC	0.01MF		50V
C232	1-123-330-00	ELECT	22MF	20%	16V	C331	1-161-330-00	CERAMIC	0.01MF	30%	25V
C233	1-102-114-00	CERAMIC	470PF	10%	50V	C332	1-101-880-00	CERAMIC	47PF	5%	50V
C234	1-123-379-00	ELECT	0.47MF	20%	50V	C333	1-123-356-00	ELECT	10MF	20%	16V
C235	1-123-330-00	ELECT	22MF	20%	16V	C334	1-123-356-00	ELECT	10MF	20%	16V
C236	1-102-114-00	CERAMIC	470PF	10%	50V	C336	1-102-858-00	CERAMIC	10PF	0.5PF	50V
C237	1-123-379-00	ELECT	0.47MF	20%	50V	C337	1-102-888-00	CERAMIC	150PF	5%	50V
C238	1-108-603-00	MYLAR	0.1MF	5%	50V	C338	1-102-884-00	CERAMIC	33PF	5%	50V
C239	1-108-603-00	MYLAR	0.1MF	5%	50V	C339	1-102-959-00	CERAMIC	22PF	5%	50V
C240	1-108-603-00	MYLAR	0.1MF	5%	50V	C340	1-102-945-00	CERAMIC	8PF	1PF	50V
C241	1-123-333-00	ELECT	100MF	20%	16V	C341	1-102-947-00	CERAMIC	10PF	5%	50V
C243	1-123-332-00	ELECT	47MF	20%	16V	C342	1-102-676-00	CERAMIC	68PF	5%	50V
C272	1-110-175-81	MYLAR	0.1MF	10%	100V	C343	1-102-973-00	CERAMIC	100PF	5%	50V
C273	1-123-359-00	ELECT	47MF	20%	50V	C344	1-123-379-00	ELECT	0.47MF	20%	50V
C274	1-123-364-00	ELECT	1000MF	20%	50V	C346	1-123-333-00	ELECT	100MF	20%	16V
C276	1-123-359-00	ELECT	47MF	20%	50V	C347	1-110-186-81	MYLAR	0.0047MF	10%	400V
C277	1-110-175-81	MYLAR	0.1MF	10%	100V	C348	1-123-379-00	ELECT	0.47MF	20%	50V
C278	1-123-349-00	ELECT	1000MF	20%	35V	C501	1-110-182-81	MYLAR	0.022MF	10%	250V
C279	1-123-343-00	ELECT	33MF	20%	25V	C502	1-136-171-00	FILM	0.33MF	5%	50V
C280	1-123-349-00	ELECT	1000MF	20%	35V	C503	1-136-171-00	FILM	0.33MF	5%	50V
C281	1-123-360-00	ELECT	100MF	20%	50V	C504	1-102-108-00	CERAMIC	150PF	10%	50V
C282	1-101-005-00	CERAMIC	0.022MF		50V	C505	1-123-380-00	ELECT	1MF	20%	50V
C283	1-101-005-00	CERAMIC	0.022MF		50V	C506	1-123-330-00	ELECT	22MF	20%	16V
C284	1-102-106-00	CERAMIC	100PF	10%	50V	C507	1-110-177-81	MYLAR	0.15MF	10%	100V
C285	1-102-106-00	CERAMIC	100PF	10%	50V	C508	1-123-356-00	ELECT	10MF	20%	16V
C288	1-110-182-81	MYLAR	0.022MF	10%	250V	C509	1-123-369-00	ELECT	4.7MF	20%	25V
C289	1-110-182-81	MYLAR	0.022MF	10%	250V	C510	1-123-323-00	ELECT	470MF	20%	16V
C290	1-123-343-00	ELECT	33MF	20%	25V	C511	1-123-379-00	ELECT	0.47MF	20%	50V
C291	1-123-343-00	ELECT	33MF	20%	25V	C512	1-110-175-81	MYLAR	0.1MF	10%	100V
C301	1-102-944-00	CERAMIC	7PF	1PF	50V	C513	1-130-023-00	FILM	0.0027MF	5%	50V
C302	1-102-944-00	CERAMIC	7PF	1PF	50V	C514	1-123-332-00	ELECT	47MF	20%	16V
C303	1-102-951-00	CERAMIC	15PF	5%	50V	C515	1-110-175-81	MYLAR	0.1MF	10%	100V
C304	1-102-816-00	CERAMIC	120PF	5%	50V	C516	1-123-357-00	ELECT	22MF	20%	50V
C308	1-123-356-00	ELECT	10MF	20%	16V	C517	1-102-030-00	CERAMIC	330PF	10%	500V
C309	1-123-380-00	ELECT	1MF	20%	50V	C518	1-129-742-00	FILM	0.018MF	10%	400V
C311	1-123-323-00	ELECT	470MF	20%	16V	C519	1-123-931-00	ELECT	3.3MF	20%	160V
C312	1-123-286-00	ELECT	0.33MF	20%	50V	C520	1-106-182-00	MYLAR	0.0027MF	10%	100V

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
C521	1-102-157-00	CERAMIC	560PF 10% 500V	D7	*1-564-883-11	PLUG, CONNECTOR 6P	
C522	1-123-318-00	ELECT	33MF 20% 16V	D8	*1-564-889-11	PLUG, CONNECTOR 12P	
C523	1-108-431-00	MYLAR	0.068MF 10% 200V	D10	*1-508-766-00	4P PLUG (M)	
C524	1-123-380-00	ELECT	1MF 20% 50V	D12	*1-508-786-00	2P PLUG (M)	
C525	1-123-362-00	ELECT	330MF 20% 50V	D14	*1-564-883-11	PLUG, CONNECTOR 6P	
C527	1-123-360-00	ELECT	100MF 20% 50V	D15	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)	
C528	1-123-321-00	ELECT	220MF 20% 16V	D16	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)	
C529	1-123-333-00	ELECT	100MF 20% 16V	D18	*1-560-126-00	PLUG, CONNECTOR (2.5MM) 6P	
C530	1-110-186-81	MYLAR	0.0047MF 10% 400V	D19	*1-564-346-00	CONNECTOR, BOARD TO BOARD 18P	
C531	1-123-382-00	ELECT	33MF 20% 50V	D20	*1-564-346-00	CONNECTOR, BOARD TO BOARD 18P	
C532	1-110-187-81	MYLAR	0.0056MF 10% 400V	D21	*1-560-123-00	PLUG, CONNECTOR (2.5MM PITCH)	
C543	1-123-360-00	ELECT	100MF 20% 50V	D22	*1-560-127-00	PLUG, CONNECTOR (2.5MM PITCH)	
C545	1-123-379-00	ELECT	0.47MF 20% 50V	D23	*1-560-126-00	PLUG, CONNECTOR (2.5MM PITCH)	
C551	1-123-322-00	ELECT	330MF 20% 16V	D24	*1-508-784-00	1P PLUG	
C552	1-123-333-00	ELECT	100MF 20% 16V	D27	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)	
C553	1-123-333-00	ELECT	100MF 20% 16V	D28	*1-508-784-00	1P PLUG	
C591	1-110-176-81	MYLAR	0.12MF 10% 100V	D30	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)	
C801	1-123-093-00	ELECT	22MF 20% 160V	DY1	*1-508-765-00	3P PLUG (M)	
C802	1-102-157-00	CERAMIC	560PF 10% 500V	DY2	*1-508-765-00	3P PLUG (M)	
C803	A.1-102-327-00	CERAMIC	330PF 15% 1.5KV	DY3	*1-508-766-00	4P PLUG (M)	
C804	A.1-161-754-00	CERAMIC	0.001MF 10% 3KV			TRIMMER	
C805	1-110-192-81	MYLAR	0.015MF 10% 400V	CV301	1-141-181-11	CAP, TRIMMER	
C806	1-129-721-00	FILM	0.039MF 10% 630V			DIODE	
C807	1-136-186-00	FILM	2.4MF 5% 200V	D001	8-719-911-19	DIODE 1SS119	
C808	1-136-116-00	FILM	1MF 5% 200V	D002	8-719-911-19	DIODE 1SS119	
C809	1-110-171-81	MYLAR	0.047MF 10% 100V	D003	8-719-911-19	DIODE 1SS119	
C810	1-110-190-81	MYLAR	0.01MF 10% 400V	D004	8-719-911-19	DIODE 1SS119	
C811	1-110-182-81	MYLAR	0.022MF 10% 250V	D005	8-759-157-40	IC UPC574J	
C812	1-102-223-00	CERAMIC	0.0047MF 10% 2KV	D006	8-719-101-02	DIODE RD30E-B4	
C813	1-110-175-81	MYLAR	0.1MF 10% 100V	D008	8-719-911-19	DIODE 1SS119	
C814	1-123-949-51	ELECT	33MF 20% 250V	D010	8-719-911-19	DIODE 1SS119	
C815	1-123-362-00	ELECT	330MF 20% 50V	D061	8-719-100-35	DIODE RD5.6E-B2	
C816	1-102-030-00	CERAMIC	330PF 10% 500V	D201	8-719-911-19	DIODE 1SS119	
C818	1-130-894-00	FILM	0.022MF 3% 1.2KV	D205	8-719-100-44	DIODE RD7.5E-B2	
C819	1-129-711-51	FILM	0.0056MF 10% 630V	D206	8-719-911-19	DIODE 1SS119	
C820	1-110-182-81	MYLAR	0.022MF 10% 250V	D212	8-719-911-19	DIODE 1SS119	
C824	1-110-182-81	MYLAR	0.022MF 10% 250V	D213	8-719-911-19	DIODE 1SS119	
C825	1-136-184-00	MYLAR	0.68MF 10% 250V	D214	8-719-911-19	DIODE 1SS119	
C828	1-102-114-00	CERAMIC	470PF 10% 50V	D215	8-719-911-19	DIODE 1SS119	
		FILTER		D216	8-719-911-19	DIODE 1SS119	
CF001	1-527-790-00	OSCILLATOR, CERAMIC		D217	8-719-911-19	DIODE 1SS119	
		CONNECTOR		D218	8-719-911-19	DIODE 1SS119	
CN201	1-561-534-00	SOCKET 21P		D219	8-719-911-19	DIODE 1SS119	
CN202	1-536-813-21	TERMINAL BOARD, INPUT/OUTPUT		D271	8-719-911-55	DIODE U05G	
CN251	1-536-813-21	TERMINAL BOARD, INPUT/OUTPUT		D303	8-719-911-19	DIODE 1SS119	
CN252	1-536-813-21	TERMINAL BOARD, INPUT/OUTPUT		D304	8-719-911-19	DIODE 1SS119	
D1	*1-560-288-00	PLUG, CONNECTOR (2.5MM PITCH)		D305	8-719-911-19	DIODE 1SS119	
D3	*1-564-880-31	PLUG, CONNECTOR 3P		D306	8-719-911-19	DIODE 1SS119	
D4	*1-564-885-11	PLUG, CONNECTOR 8P		D307	8-719-911-19	DIODE 1SS119	
D5	*1-508-765-00	3P PLUG (M)		D308	8-719-911-19	DIODE 1SS119	
D6	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P		D309	8-719-911-19	DIODE 1SS119	

NOTE:

The components identified by shading and mark A are critical for safety. Replace only with part number specified.

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Ref.No. Part No. Description

D501 8-719-911-19 DIODE 1SS119
D503 8-719-901-93 DIODE V19E
D504 8-719-901-93 DIODE V19E
D505 8-719-901-93 DIODE V19E
D506 8-719-911-19 DIODE 1SS119

D507 8-719-901-93 DIODE V19E
D551 8-719-911-19 DIODE 1SS119
D552 8-719-911-19 DIODE 1SS119
D553 8-719-901-93 DIODE V19E
D554 8-719-901-93 DIODE V19E

D555 8-719-911-19 DIODE 1SS119
D801 8-719-900-26 DIODE ERD29-08J
D802 8-719-300-65 DIODE ES1F
D803 8-719-901-93 DIODE V19E
D804 8-719-901-93 DIODE V19E

D805 8-719-931-13 DIODE EQB01-13
D806 8-719-305-15 DIODE GH3F
D807 8-719-305-15 DIODE GH3F

DELAY LINE

DL301 1-415-427-11 DELAY LINE, Y
DL302 1-415-185-YY DELAY LINE (1H)

IC

IC001 8-759-602-63 IC CX523-113P
IC002 8-759-600-92 IC M58657P
IC201 8-759-914-76 IC CX20199
IC202 8-752-006-10 IC CX20061
IC251 8-759-943-62 IC STK-4362
*4-368-684-01 SPRING (L); IC251
IC301 6-066-720-60 IC TDA3562A
IC302 1-235-534-11 CONTROL MODULE, PICTURE
IC551 8-759-915-46 IC TDA2579
*4-375-717-01 HEAT SINK, IC; IC551

COIL

L001 1-408-425-00 MICRO INDUCTOR 220UH
L251 1-459-407-00 COIL, FERRITE CHOKE
L252 1-459-407-00 COIL, FERRITE CHOKE
L301 1-404-495-00 COIL
L302 1-408-412-00 MICRO INDUCTOR 18UH
L304 1-408-605-00 MICRO INDUCTOR 15UH
L306 1-410-260-11 MICRO INDUCTOR 33UH
L307 1-410-261-11 MICRO INDUCTOR 5.6UH
L308 1-408-415-00 MICRO INDUCTOR 33UH
L310 1-407-705-00 MICRO INDUCTOR 100UH
L801 1-407-365-00 COIL, CHOKE
L802 1-459-585-11 COIL (WITH CORE) (DRUM TYPE)
L803 1-459-224-00 HLC
L804 1-421-390-00 COIL, FERRITE (PMC)
L805 1-408-239-00 MICRO INDUCTOR 4.7MMH
L806 1-421-329-00 COIL, CHOKE
L808 1-407-365-00 COIL, CHOKE

Remark

Ref.No. Part No. Description

Remark

L809 1-437-090-00 HDT
L810 1-407-365-00 COIL, CHOKE
L811 1-459-074-00 COIL, DUST CORE 6.8MMH (HCC)
L891 1-459-338-00 COIL, VAR, FERRITE (PAC)

TRANSISTOR

Q001 8-729-204-83 TRANSISTOR 2SA1048GR
Q003 8-729-245-83 TRANSISTOR 2SC2458
Q004 8-729-245-83 TRANSISTOR 2SC2458
Q006 8-729-245-83 TRANSISTOR 2SC2458
Q007 8-729-603-50 TRANSISTOR 2SC403SP

Q008 8-729-245-83 TRANSISTOR 2SC2458
Q009 8-729-245-83 TRANSISTOR 2SC2458
Q011 8-729-600-27 TRANSISTOR 2SC634SP
Q206 8-729-245-83 TRANSISTOR 2SC2458
Q207 8-729-204-83 TRANSISTOR 2SA1048GR

Q208 8-729-204-83 TRANSISTOR 2SA1048GR
Q301 8-729-245-83 TRANSISTOR 2SC2458
Q305 8-729-245-83 TRANSISTOR 2SC2458
Q309 8-729-245-83 TRANSISTOR 2SC2458
Q310 8-729-245-83 TRANSISTOR 2SC2458

Q311 8-729-245-83 TRANSISTOR 2SC2458
Q312 8-729-245-83 TRANSISTOR 2SC2458
Q313 8-729-245-83 TRANSISTOR 2SC2458
Q502 8-729-204-83 TRANSISTOR 2SA1048GR
Q504 8-729-204-83 TRANSISTOR 2SA1048GR

Q505 8-729-168-82 TRANSISTOR 2SC2688
Q506 8-729-169-02 TRANSISTOR 2SC2690A
*4-342-076-00 HEAT SINK, V.OUT; Q506
Q507 8-729-122-02 TRANSISTOR 2SA1220A
Q508 8-729-195-82 TRANSISTOR 2SC2958

Q510 8-729-245-83 TRANSISTOR 2SC2458
Q511 8-729-245-83 TRANSISTOR 2SC2458
Q512 8-729-900-36 TRANSISTOR DTC124ES
Q514 8-729-245-83 TRANSISTOR 2SC2458
Q551 8-729-177-43 TRANSISTOR 2SD774

Q552 8-729-374-02 TRANSISTOR 2SB740
Q802 8-729-300-90 TRANSISTOR 2SD1497-06
4-365-216-00 SPACER, MICA; Q802
*4-368-683-01 SPRING; Q802
Q803 8-719-801-06 THYRISTOR S6344G

4-365-216-00 SPACER, MICA; Q803
*4-368-683-01 SPRING; Q803

RESISTOR

R001 1-215-738-91 METAL 1K 5% 1/6W
R002 1-215-738-91 METAL 1K 5% 1/6W
R003 1-215-738-91 METAL 1K 5% 1/6W
R004 1-215-722-91 METAL 220 5% 1/6W
R005 1-215-722-91 METAL 220 5% 1/6W
R006 1-215-722-91 METAL 220 5% 1/6W
R007 1-215-722-91 METAL 220 5% 1/6W
R008 1-215-722-91 METAL 220 5% 1/6W

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R009	1-215-722-91	METAL	220 5% 1/6W	R209	1-215-762-91	METAL	10K 5% 1/6W
R010	1-215-722-91	METAL	220 5% 1/6W	R210	1-215-762-91	METAL	10K 5% 1/6W
R011	1-215-722-91	METAL	220 5% 1/6W	R211	1-215-156-00	METAL	1.5K 5% 1/4W
R012	1-215-706-91	METAL	47 5% 1/6W	R218	1-215-794-91	METAL	220K 5% 1/6W
R013	1-215-722-91	METAL	220 5% 1/6W	R219	1-215-794-91	METAL	220K 5% 1/6W
R014	1-215-754-91	METAL	4.7K 5% 1/6W	R220	1-215-125-00	METAL	75 5% 1/4W
R015	1-215-754-91	METAL	4.7K 5% 1/6W	R221	1-215-144-00	METAL	470 5% 1/4W
R016	1-215-168-00	METAL	4.7K 5% 1/4W	R222	1-215-780-91	METAL	56K 5% 1/6W
R017	1-215-152-00	METAL	1K 5% 1/4W	R228	1-215-780-91	METAL	56K 5% 1/6W
R018	1-215-738-91	METAL	1K 5% 1/6W	R229	1-215-730-91	METAL	470 5% 1/6W
R021	1-215-766-91	METAL	15K 5% 1/6W	R230	1-215-738-91	METAL	1K 5% 1/6W
R022	1-215-766-91	METAL	15K 5% 1/6W	R231	1-215-728-91	METAL	390 5% 1/6W
R023	1-215-714-91	METAL	100 5% 1/6W	R232	1-215-104-81	METAL	10 5% 1/4W
R024	1-215-738-91	METAL	1K 5% 1/6W	R233	1-215-730-91	METAL	470 5% 1/6W
R025	1-215-770-91	METAL	22K 5% 1/6W	R234	1-215-784-91	METAL	82K 5% 1/6W
R026	1-215-766-91	METAL	15K 5% 1/6W	R235	1-215-810-91	METAL	1M 5% 1/6W
R027	1-215-144-00	METAL	470 5% 1/4W	R236	1-215-762-91	METAL	10K 5% 1/6W
R028	1-215-184-00	METAL	22K 5% 1/4W	R237	1-215-746-91	METAL	2.2K 5% 1/6W
R029	1-215-770-91	METAL	22K 5% 1/6W	R238	1-215-744-91	METAL	1.8K 5% 1/6W
R030	1-215-184-00	METAL	22K 5% 1/4W	R239	1-215-746-91	METAL	2.2K 5% 1/6W
R031	1-215-184-00	METAL	22K 5% 1/4W	R240	1-215-762-91	METAL	10K 5% 1/6W
R032	1-215-770-91	METAL	22K 5% 1/6W	R242	1-215-762-91	METAL	10K 5% 1/6W
R033	1-215-770-91	METAL	22K 5% 1/6W	R243	1-215-768-91	METAL	18K 5% 1/6W
R034	1-215-770-91	METAL	22K 5% 1/6W	R244	1-215-180-00	METAL	15K 5% 1/4W
R035	1-215-770-91	METAL	22K 5% 1/6W	R245	1-215-778-91	METAL	47K 5% 1/6W
R036	1-215-770-91	METAL	22K 5% 1/6W	R247	1-215-158-00	METAL	1.8K 5% 1/4W
R037	1-215-738-91	METAL	1K 5% 1/6W	R248	1-215-152-00	METAL	1K 5% 1/4W
R038	1-215-748-91	METAL	2.7K 5% 1/6W	R249	1-215-158-00	METAL	1.8K 5% 1/4W
R039	1-215-714-91	METAL	100 5% 1/6W	R251	1-215-714-91	METAL	100 5% 1/6W
R040	1-215-770-91	METAL	22K 5% 1/6W	R252	1-215-714-91	METAL	100 5% 1/6W
R041	1-215-774-91	METAL	33K 5% 1/6W	R253	1-215-714-91	METAL	100 5% 1/6W
R042	1-215-730-91	METAL	470 5% 1/6W	R254	1-215-714-91	METAL	100 5% 1/6W
R043	1-215-730-91	METAL	470 5% 1/6W	R255	1-215-164-00	METAL	3.3K 5% 1/4W
R044	1-215-738-91	METAL	1K 5% 1/6W	R256	1-215-164-00	METAL	3.3K 5% 1/4W
R045	1-215-152-00	METAL	1K 5% 1/4W	R257	1-215-125-00	METAL	75 5% 1/4W
R046	1-215-754-91	METAL	4.7K 5% 1/6W	R278	1-217-387-00	FUSIBLE	10 5% 1/4W F
R047	1-215-714-91	METAL	100 5% 1/6W	R279	1-217-387-00	FUSIBLE	10 5% 1/4W F
R048	1-215-778-91	METAL	47K 5% 1/6W	R280	1-215-786-91	METAL	100K 5% 1/6W
R049	1-216-464-11	METAL OXIDE	18K 5% 2W F	R281	1-215-756-91	METAL	5.6K 5% 1/6W
R050	1-217-387-00	FUSIBLE	10 5% 1/4W F	R282	1-215-754-91	METAL	4.7K 5% 1/6W
R052	1-215-152-00	METAL	1K 5% 1/4W	R283	1-215-152-00	METAL	1K 5% 1/4W
R053	1-215-790-91	METAL	150K 5% 1/6W	R284	1-247-107-00	CARBON	100 5% 1/4W F
R054	1-215-722-91	METAL	220 5% 1/6W	R285	1-215-754-91	METAL	4.7K 5% 1/6W
R056	1-215-766-91	METAL	15K 5% 1/6W	R286	1-215-756-91	METAL	5.6K 5% 1/6W
R057	1-215-762-91	METAL	10K 5% 1/6W	R287	1-215-786-91	METAL	100K 5% 1/6W
R060	1-215-732-91	METAL	560 5% 1/6W	R288	1-215-788-91	METAL	120K 5% 1/6W
R201	1-215-146-00	METAL	560 5% 1/4W	R289	1-215-778-91	METAL	47K 5% 1/6W
R202	1-215-146-00	METAL	560 5% 1/4W	R297	1-215-730-91	METAL	470 5% 1/6W
R203	1-215-168-00	METAL	4.7K 5% 1/4W	R298	1-215-730-91	METAL	470 5% 1/6W
R204	1-215-168-00	METAL	4.7K 5% 1/4W	R301	1-215-156-00	METAL	1.5K 5% 1/6W
R205	1-215-174-00	METAL	8.2K 5% 1/4W	R302	1-215-742-91	METAL	1.5K 5% 1/6W
R206	1-215-776-91	METAL	39K 5% 1/6W	R303	1-215-723-91	METAL	240 5% 1/6W
R207	1-215-164-00	METAL	3.3K 5% 1/4W	R304	1-215-762-91	METAL	10K 5% 1/6W

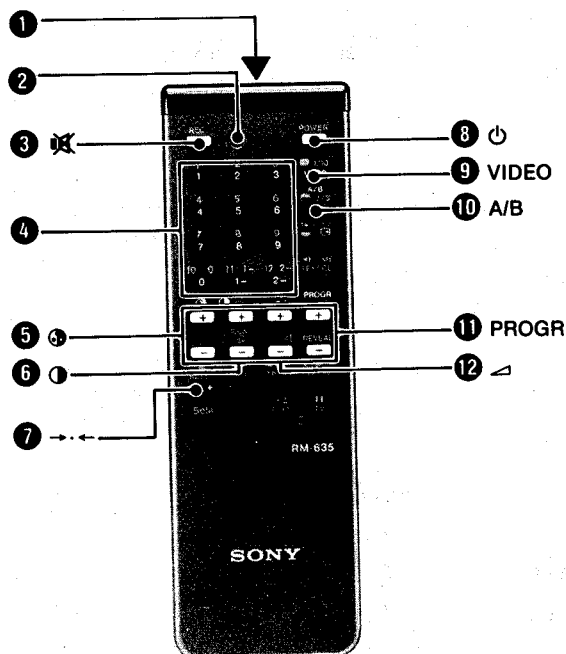
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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R305	1-215-730-91	METAL 470 5% 1/6W		R383	1-215-738-91	METAL 1K 5% 1/6W	
R306	1-215-730-91	METAL 470 5% 1/6W		R385	1-215-748-91	METAL 2.7K 5% 1/6W	
R307	1-215-734-91	METAL 680 5% 1/6W		R386	1-215-748-91	METAL 2.7K 5% 1/6W	
R308	1-215-754-91	METAL 4.7K 5% 1/6W		R387	1-215-748-91	METAL 2.7K 5% 1/6W	
R319	1-215-152-00	METAL 1K 5% 1/4W		R504	1-215-748-91	METAL 2.7K 5% 1/6W	
R323	1-215-744-91	METAL 1.8K 5% 1/6W		R505	1-215-750-91	METAL 3.3K 5% 1/6W	
R324	1-215-732-91	METAL 560 5% 1/6W		R506	1-215-740-91	METAL 1.2K 5% 1/6W	
R325	1-215-142-00	METAL 390 5% 1/4W		R507	1-215-738-91	METAL 1K 5% 1/6W	
R326	1-215-784-91	METAL 82K 5% 1/6W		R508	1-215-469-00	METAL 100K 1% 1/6W	
R332	1-215-732-91	METAL 560 5% 1/6W		R509	1-215-475-00	METAL 180K 1% 1/6W	
R333	1-215-756-91	METAL 5.6K 5% 1/6W		R510	1-215-758-91	METAL 6.8K 5% 1/6W	
R334	1-215-172-00	METAL 6.8K 5% 1/4W		R511	1-215-712-91	METAL 82 5% 1/6W	
R335	1-215-778-91	METAL 47K 5% 1/6W		R512	1-215-736-91	METAL 820 5% 1/6W	
R336	1-215-762-91	METAL 10K 5% 1/6W		R513	1-215-764-91	METAL 12K 5% 1/6W	
R337	1-215-762-91	METAL 10K 5% 1/6W		R514	1-215-738-91	METAL 1K 5% 1/6W	
R338	1-215-738-91	METAL 1K 5% 1/6W		R515	1-215-128-00	METAL 100 5% 1/4W	
R339	1-215-738-91	METAL 1K 5% 1/6W		R516	1-215-160-00	METAL 2.2K 5% 1/4W	
R340	1-215-728-91	METAL 390 5% 1/6W		R517	1-215-190-00	METAL 39K 5% 1/4W	
R341	1-215-728-91	METAL 390 5% 1/6W		R520	1-214-765-00	METAL 33K 1% 1/4W	
R342	1-215-810-91	METAL 1M 5% 1/6W		R521	1-216-464-11	METAL OXIDE 18K 5% 2W	F
R343	1-215-786-91	METAL 100K 5% 1/6W		R522	1-215-792-91	METAL 180K 5% 1/6W	
R344	1-215-170-00	METAL 5.6K 5% 1/4W		R523	1-247-807-00	CARBON 100 5% 1/8W	F
R345	1-215-789-91	METAL 130K 5% 1/6W		R524	1-215-869-11	METAL OXIDE 1K 5% 1W	F
R347	1-215-732-91	METAL 560 5% 1/6W		R525	1-247-795-00	CARBON 33 5% 1/8W	F
R348	1-215-734-91	METAL 680 5% 1/6W		R526	1-215-746-91	METAL 2.2K 5% 1/6W	
R349	1-215-756-91	METAL 5.6K 5% 1/6W		R527	1-247-783-00	CARBON 10 5% 1/8W	F
R350	1-215-760-91	METAL 8.2K 5% 1/6W		R528	1-215-182-00	METAL 18K 5% 1/4W	
R351	1-215-770-91	METAL 22K 5% 1/6W		R529	1-215-148-00	METAL 680 5% 1/4W	
R352	1-215-744-91	METAL 1.8K 5% 1/6W		R530	1-215-799-91	METAL 360K 5% 1/6W	
R353	1-215-750-91	METAL 3.3K 5% 1/6W		R531	1-215-142-00	METAL 390 5% 1/4W	
R354	1-215-790-91	METAL 150K 5% 1/6W		R532	1-215-164-00	METAL 3.3K 5% 1/4W	
R356	1-215-764-91	METAL 12K 5% 1/6W		R533	1-215-766-91	METAL 15K 5% 1/6W	
R357	1-215-756-91	METAL 5.6K 5% 1/6W		R534	1-215-694-91	METAL 15 5% 1/6W	
R358	1-215-768-91	METAL 18K 5% 1/6W		R535	1-215-690-91	METAL 10 5% 1/6W	
R359	1-215-766-91	METAL 15K 5% 1/6W		R536	1-216-354-11	METAL OXIDE 2.7 5% 1W	F
R360	1-215-196-00	METAL 68K 5% 1/4W		R537	1-215-786-91	METAL 100K 5% 1/6W	
R362	1-215-160-00	METAL 2.2K 5% 1/4W		R538	1-247-753-11	CARBON 1.2K 5% 1/2W	F
R364	1-215-746-91	METAL 2.2K 5% 1/6W		R539	1-215-784-91	METAL 82K 5% 1/6W	
R365	1-215-764-91	METAL 12K 5% 1/6W		R540	1-215-186-00	METAL 27K 5% 1/4W	
R366	1-215-160-00	METAL 2.2K 5% 1/4W		R541	1-215-730-91	METAL 470 5% 1/6W	
R367	1-215-722-91	METAL 220 5% 1/6W		R542	1-216-435-11	METAL OXIDE 2.7K 5% 1W	F
R368	1-215-722-91	METAL 220 5% 1/6W		R544	1-210-825-00	SOLID 3.3M 5% 1/4W	
R369	1-215-722-91	METAL 220 5% 1/6W		R547	1-212-990-00	FUSIBLE 220 5% 1/2W	F
R370	1-215-144-00	METAL 470 5% 1/4W		R548	1-216-350-11	METAL OXIDE 1.2 5% 1W	F
R371	1-215-714-91	METAL 100 5% 1/6W		R549	1-247-807-00	CARBON 100 5% 1/8W	F
R373	1-215-152-00	METAL 1K 5% 1/4W		R550	1-215-216-81	METAL 470K 5% 1/4W	
R376	1-215-186-00	METAL 27K 5% 1/4W		R551	1-217-383-00	FUSIBLE 4.7 5% 1/4W	F
R377	1-215-186-00	METAL 27K 5% 1/4W		R552	1-217-383-00	FUSIBLE 4.7 5% 1/4W	F
R378	1-215-768-91	METAL 18K 5% 1/6W		R553	1-210-859-00	CARBON 1.2 5% 1/8W	F
R379	1-215-771-91	METAL 24K 5% 1/6W		R554	1-215-754-91	METAL 4.7K 5% 1/6W	
R380	1-215-784-91	METAL 18K 5% 1/4W		R555	1-215-746-91	METAL 2.2K 5% 1/6W	
R381	1-215-738-91	METAL 1K 5% 1/6W		R556	1-216-350-11	METAL OXIDE 1.2 5% 1W	F
R382	1-215-738-91	METAL 1K 5% 1/6W		R557	1-215-722-91	METAL 220 5% 1/6W	

—19—

SECTION 5 RM-635 REMOTE COMMANDER

5-1. LOCATION AND FUNCTION OF CONTROLS



1 Transmitter

Point toward the remote control detector

2 Pilot lamp

Blinks when the Remote Commander is operating.
If the lamp does not light when the button is pressed, battery replacement is required.

3 (sound mute) button

When you want to mute the sound (to answer the telephone, for instance), press this button. To restore the sound, press this button again.

4 Program number buttons

Programs are displayed by pressing the corresponding numbers. For programs 1 through 9, press the appropriate single-digit button. For programs 10 through 19, first press the **1** button (the tens-digit "/" will blink on the program indicator), then the button corresponding to the last digit of the program number (the tens-digit will now stop blinking).

For example: for program 10, press **1** and **0**.
for program 11, press **1** and **1**.

For programs 20 to 29, press the **2** button and then the single-digit button.

For program 30, press the **0** button.

Note: If you do not press a single-digit button within several seconds after pressing the **1** or **2** button, the previous program setting will be automatically recalled.

5 (color) buttons

Adjust the color intensity. Press the + button to increase it, or the - button to decrease it.

6 (picture) buttons

Press the + button to increase the picture contrast, or the - button to decrease it.

7 → ← (normal) button

Pressing this button once instantly returns the color and contrast settings made with the 5 and 6 buttons on the Commander to the initial settings on the TV.

8 (standby) switch

Turns the TV in standby mode. The ⏻ indicator on the TV will light up. To turn on the TV from the standby mode, press a program number button or the → ← button on the Commander.

9 VIDEO button

Functions the same as the TV/VIDEO select button on the TV.

10 A/B button

Functions the same as the ZWEITON A/B button on the TV.

11 PROGR (program) buttons

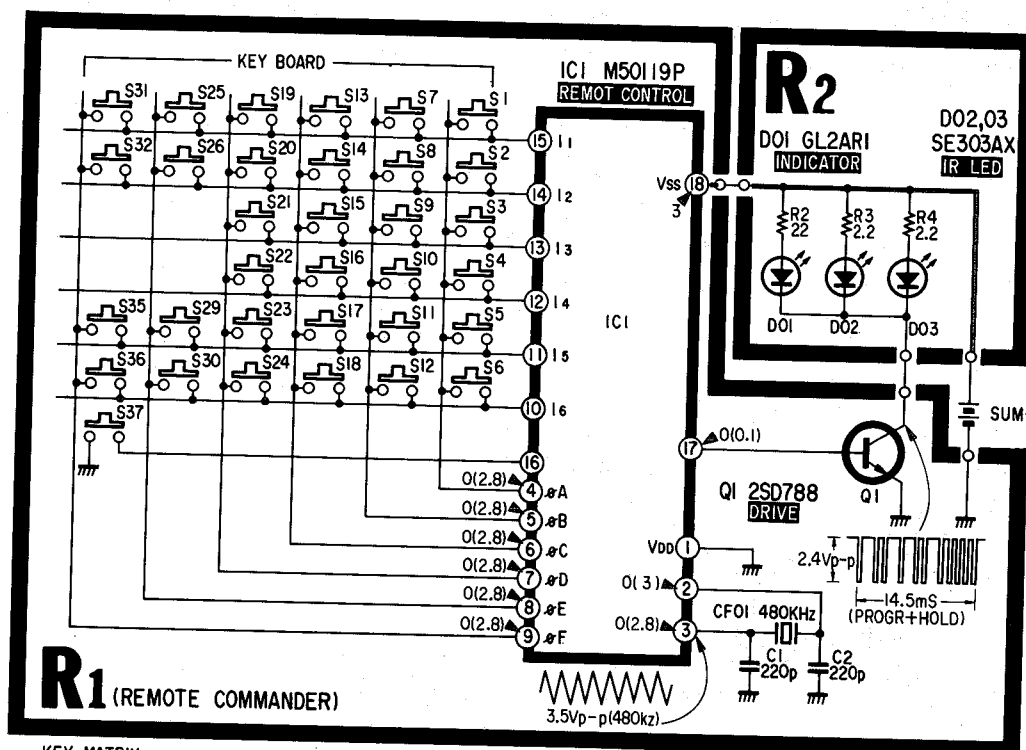
Function the same as the PROGR buttons on the TV.

12 (volume) buttons

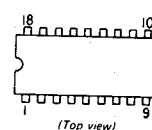
Press the + button to increase the volume, or the - button to decrease it.

5-2. SCHEMATIC DIAGRAM AND PRINTED WIRING BOARDS

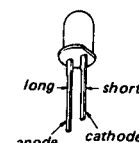
REMOTE COMMANDER RM-635



M50119P



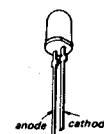
LD271



2SD773



SE303A
SE303AX
SE303AY



2SC1474
2SD788

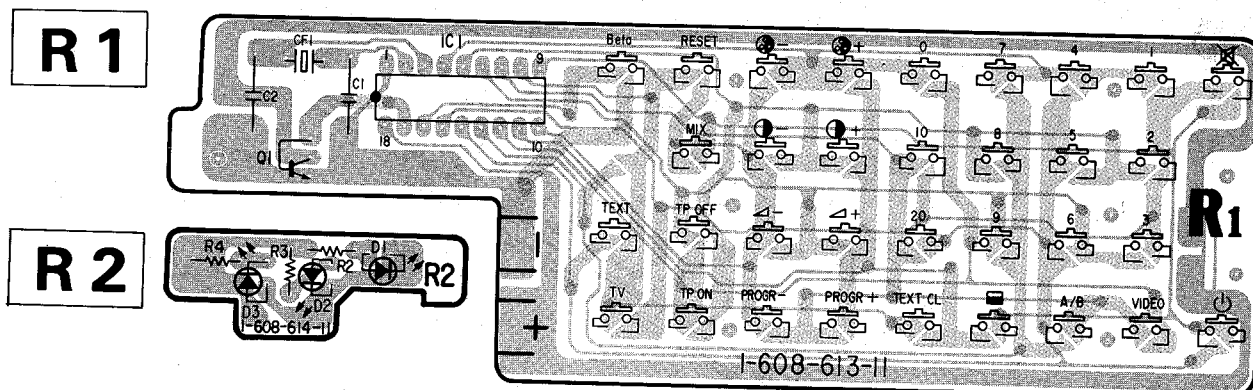


GL2AR1



KEY MATRIX

	A	B	C	D	E	F
11	S1 1	S7 2	S13 3	S19 1 -	S25 II	S31
12	S2 4	S8 5	S14 6	S20 2 -	S26 X2	S32
13	S3 7	S9 8	S15 9	S21 VIDEO I/O	S27	S33
14	S4 0	S10 XI I	S16 X I	S22 1/5	S28	S34
15	S5 +	S11 +	S17 +	S23 PROGR +	S29	S35 FRAME
16	S6 -	S12 -	S18 -	S24 PROGR -	S30	S36
						S37 Beta



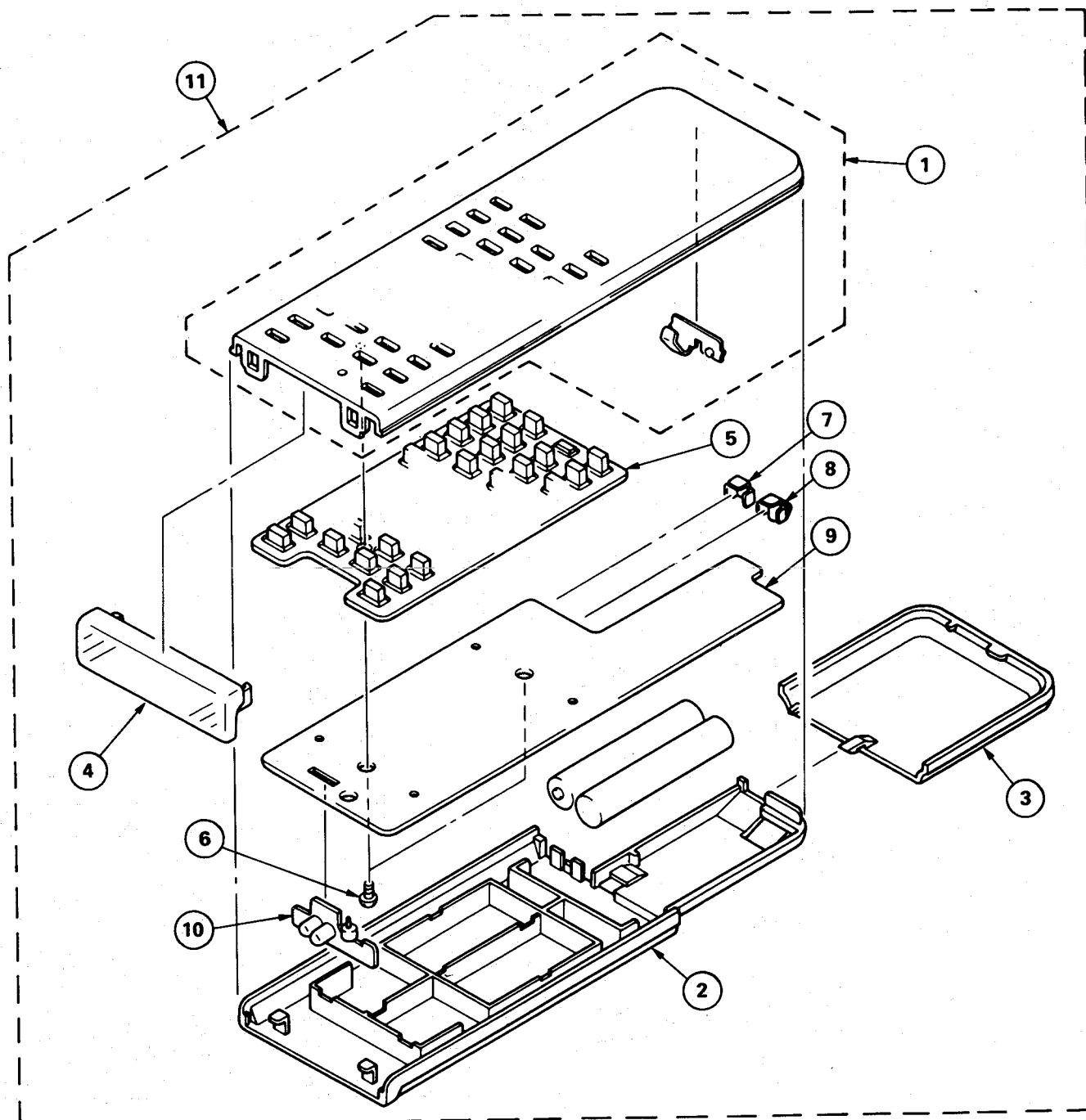
- All capacitors are in μF unless otherwise noted. pF : μF 50 WV or less are not indicated except for electrolytics.
- All resistors are in ohms, $\frac{1}{4}$ W unless otherwise noted. k: 1000 Ω , M: 1000 k Ω
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

- Voltages and waveform are for when any push button is pressed.
- Voltages in () are taken with button not pressed.

5-3. EXPLODED VIEW

NOTE:

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.



No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
1	X-4362-211-0	CASE (UPPER), ASSY COMMANDER		6	4-356-741-00	SCREW, TAPPING (BIND 2x5)	
2	4-361-948-00	CASE (LOWER), COMMANDER		7	4-348-542-00	TERMINAL (A), BATTERY	
3	4-361-945-00	COVER, BATTERY		8	4-348-543-00	TERMINAL (B), BATTERY	
4	4-361-943-00	PANEL, FRONT, COMMANDER		9	*1-608-613-00	R1 BOARD	
5	4-361-944-21	SHEET, SILICON, RUBBER		10	*1-608-614-00	R2 BOARD	
				11	A-1470-625-A	COMMANDER ASSY (RM-635)	

1-10

R1

R2

5-4. ELECTRICAL PARTS LIST

NOTE:

When indicating parts by reference number, please include the board name.

• Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

CAPACITORS
• MF : μ F, PF : μ μ F

RESISTORS
• All resistors are in ohms
• F : nonflammable

COILS
• MMH : mH, UH : μ H

Ref.No.	Part No.	Description	Remark
	*1-608-613-00	R1 BOARD *****	
	4-348-542-00	TERMINAL (A), BATTERY	
	4-348-543-00	TERMINAL (B), BATTERY	
		<u>CAPACITOR</u>	
C01	1-161-315-00	CERAMIC 220PF 10% 50V	
C02	1-161-315-00	CERAMIC 220PF 10% 50V	
		<u>FILTER</u>	
CF01	1-527-476-00	OSCILLATOR, CERAMIC	
		<u>IC</u>	
IC01	8-759-600-07	IC M50119P	
		<u>TRANSISTOR</u>	
Q01	8-729-378-84	TRANSISTOR 2SD788	

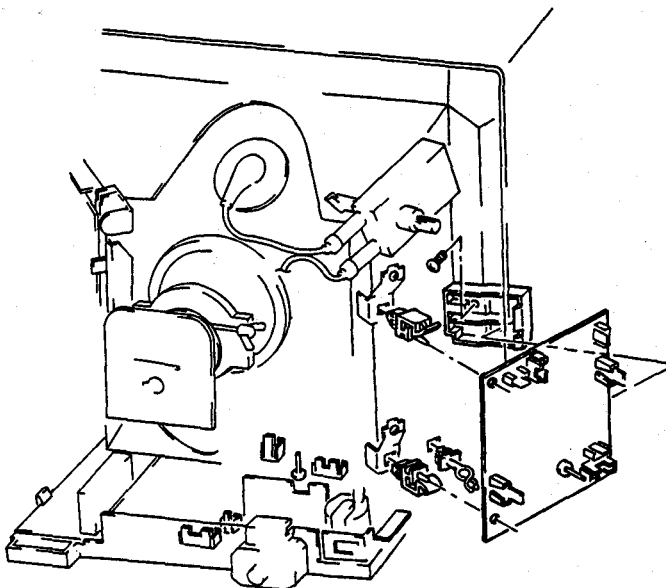
	*1-608-614-00	R2 BOARD *****	
		<u>DIODE</u>	
LED01	8-719-900-23	DIODE GL-2AR1	
LED02	8-719-107-82	DIODE SE303AY	
		<u>RESISTOR</u>	
R02	1-215-698-91	METAL 22 5% 1/6W	
R03	1-247-767-00	CARBON 2.2 5% 1/6W	

OPK-203 ATTACHING

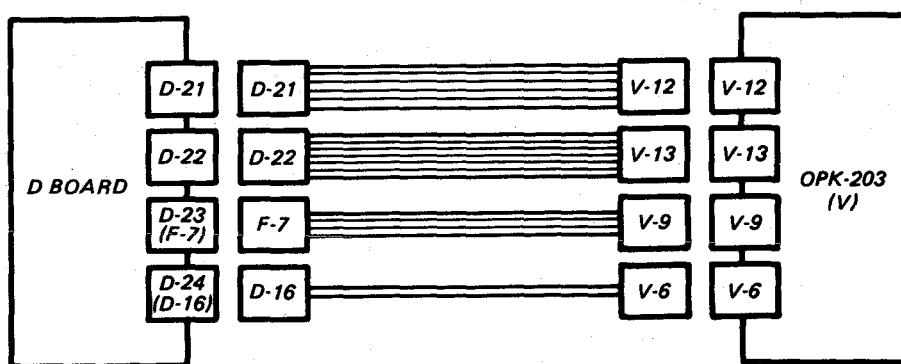
INSTALLATION INSTRUCTIONS FOR DEALERS

Before installing the adaptor, unplug the set from the wall outlet.

1. Unscrew and remove the rear panel.
2. Unfasten the screws and pull out the main D-board.
3. Attach the OPK-203 board on the set in the reserved position using the holder or sash pro-



4. Connect to the reserve terminals as the connector.
Connected terminals are coloured red. (except D-24)



5. Cut out the D004 of the D board.
6. PICTURE ADJUSTMENT
 - RV3: Adjust this VR to give the optimum contrast on TXT display.
 - RV2: Adjust this VR to obtain stable picture on non-interlace models.
7. Attach the rear panel.

SONY TRINITRON® COLOR TV

RM-635

West Germany Model

Chassis No. SCC-713A-A
RX CHASSIS

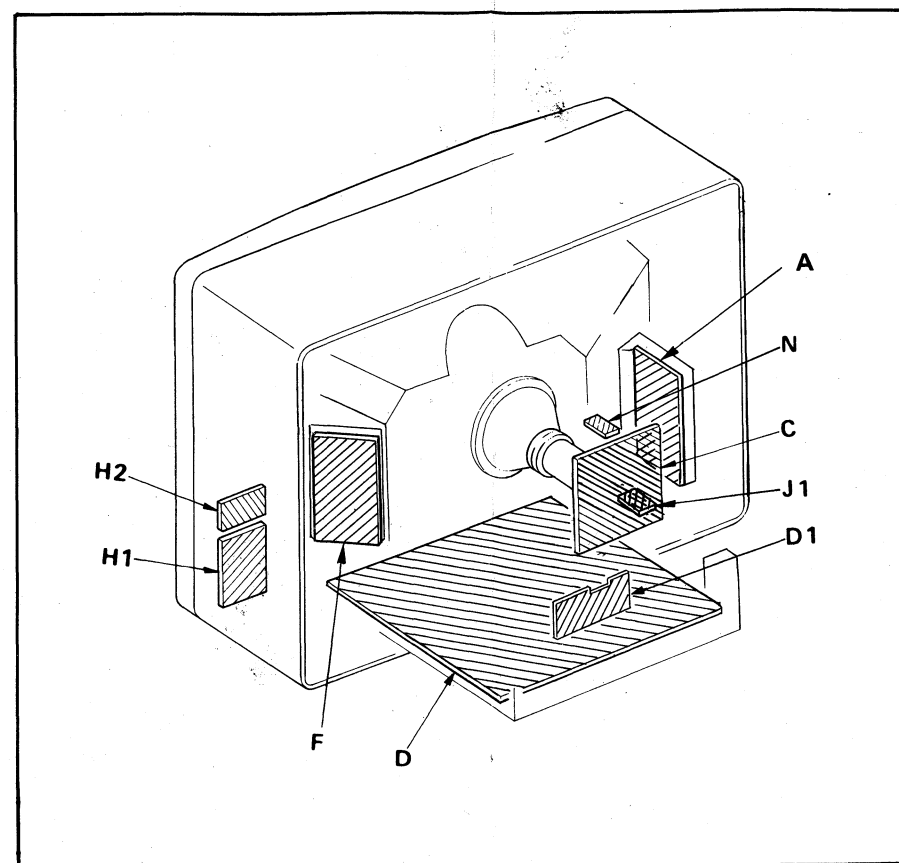
SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARK  ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

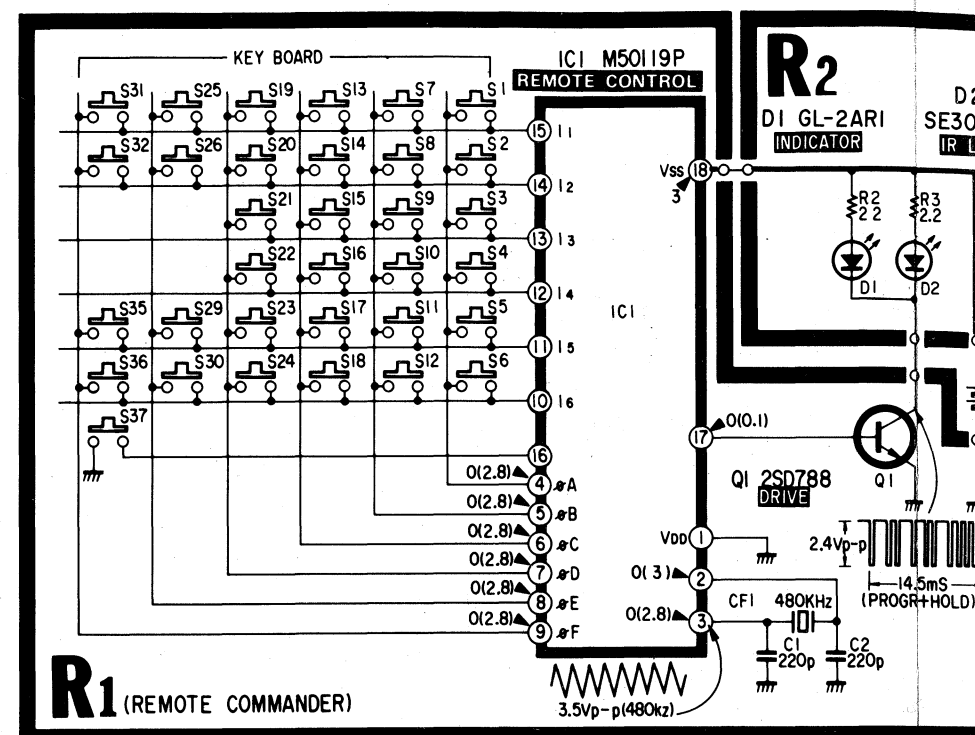
Note: The components identified by shading and mark  are critical for safety. Replace only with part number specified.

- All capacitors are in μF unless otherwise noted. p: μpF . 50WV or less are not indicated except for electrolytics.
- All resistors are in ohms, 1/6W unless otherwise noted. $\text{k}\Omega = 1000\Omega$, $\text{M}\Omega = 1000\text{k}\Omega$
-  : nonflamable resistor.
-  : fusible resistor
- Δ : internal component.
-  : panel designation.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- Readings are taken with a color-bar signal input.
- Voltages are dc with respect to ground unless otherwise noted.
- All voltages are in V.
- Readings are taken with a 10M Ω digital multimeter.
- Voltage variations may be noted due to normal production tolerances.
-  : B + bus.
-  : B - bus.
-  : signal path.

CIRCUIT BOARDS LOCATION



REMOTE COMMANDER RM-635



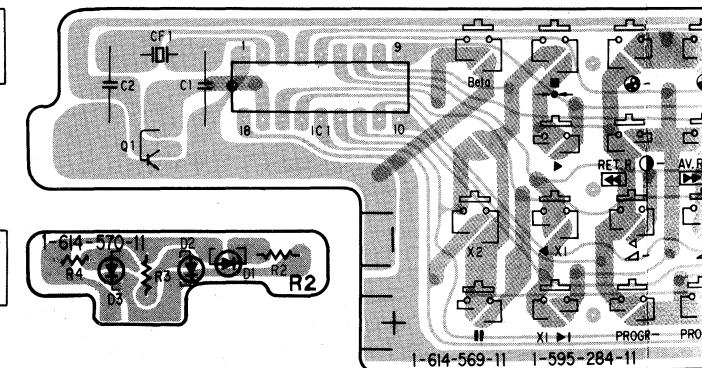
R1 (REMOTE COMMANDER)

KEY MATRIX

	A	B	C	D	E	F
11	S1	1	S7	2	S13	3
12	S2	4	S8	5	S14	6
13	S3	7	S9	8	S15	9
14	S4	0	S10	X1	S16	X1
15	S5	+	S11	+	S17	+
16	S6	-	S12	-	S18	-
					S21	VIDEO I/O
					S22	1/5
					S23	PROGR +
					S24	PROGR -
					S25	II
					S26	X2
					S27	
					S28	
					S29	FR
					S30	→
					S31	⊗
					S32	⊙
					S33	
					S34	
					S35	FR
					S36	▶
					S37	Beta

R1

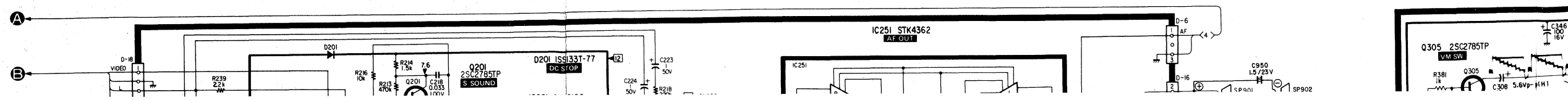
R2



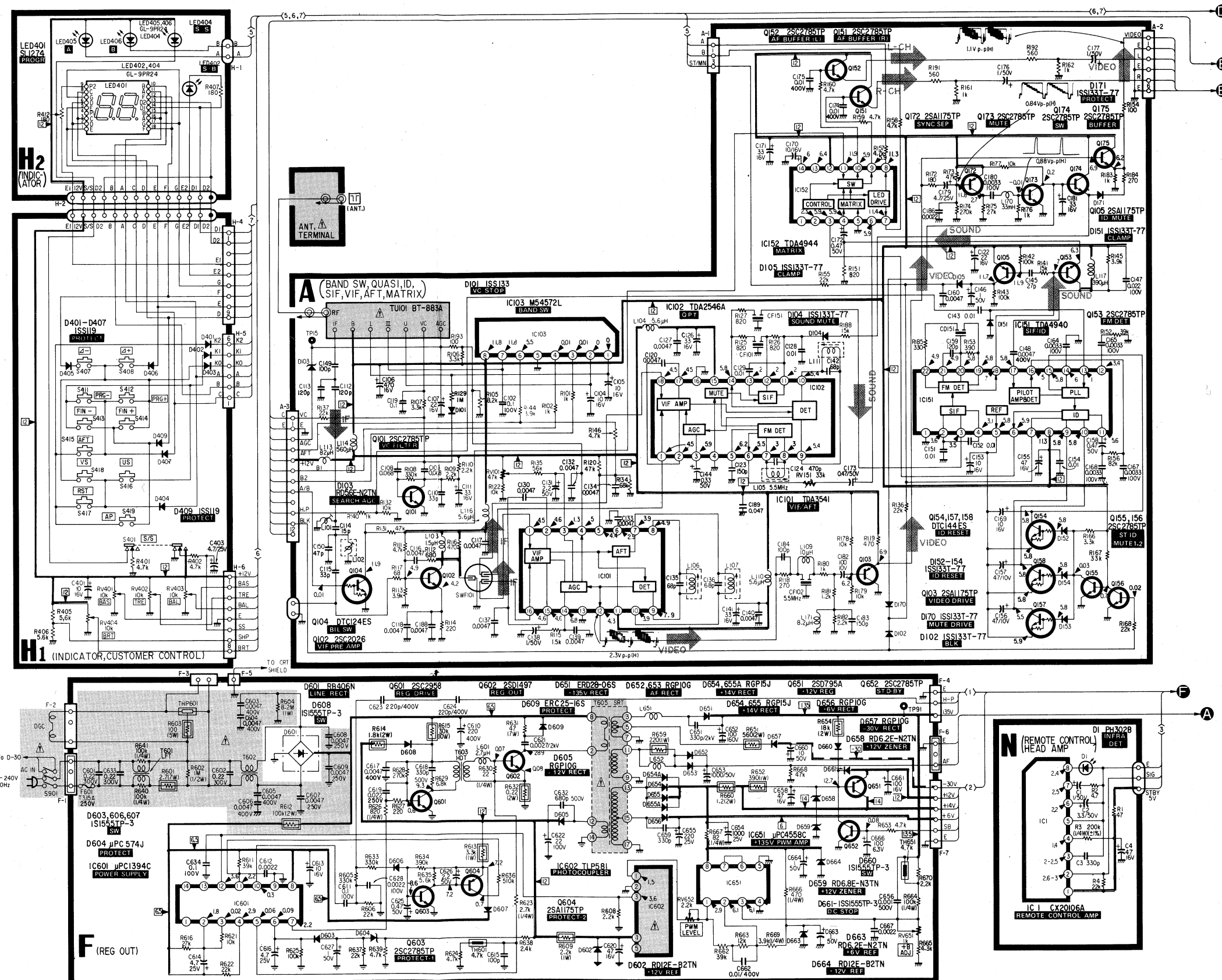
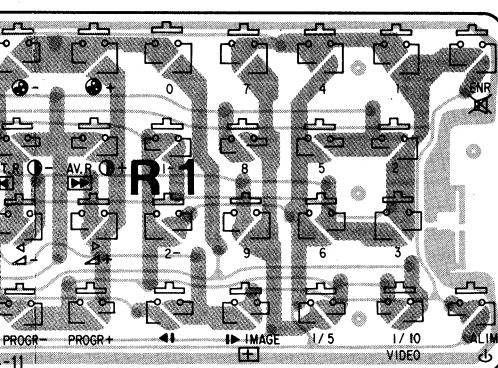
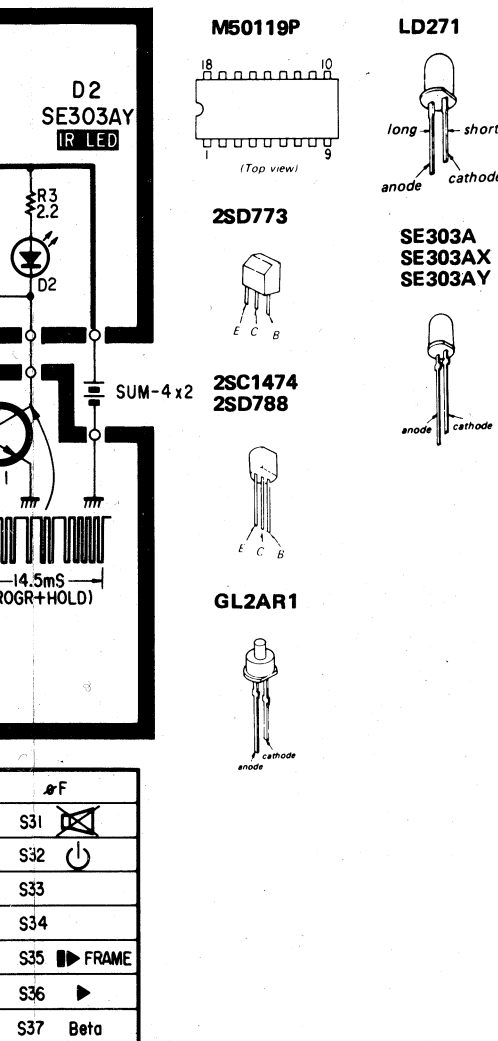
Note:

- All capacitors are in μF unless otherwise noted. p: μpF . 50WV or less are not indicated except for electrolytics.
- All resistors are in ohms, 1/6W unless otherwise noted. $\text{k}\Omega = 1000\Omega$, $\text{M}\Omega = 1000\text{k}\Omega$
- All voltages are in V.
- Voltages are dc with respect to ground unless otherwise noted.
- Reading are taken with a 10 M Ω digital multimeter.

- Voltages and wavef pressed.
- Voltages in () are
- Voltage variations production toleranc
-  : B + bus.

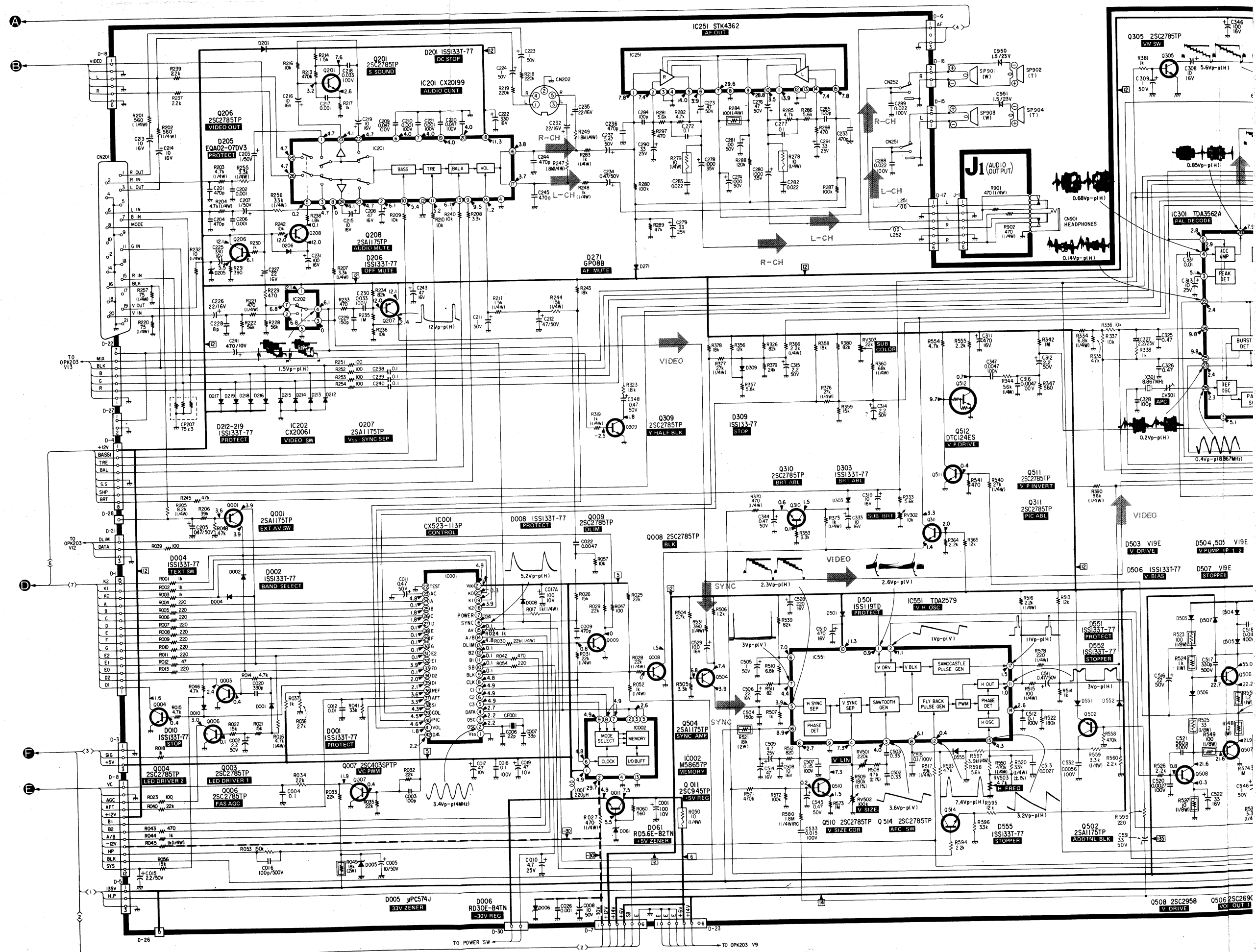


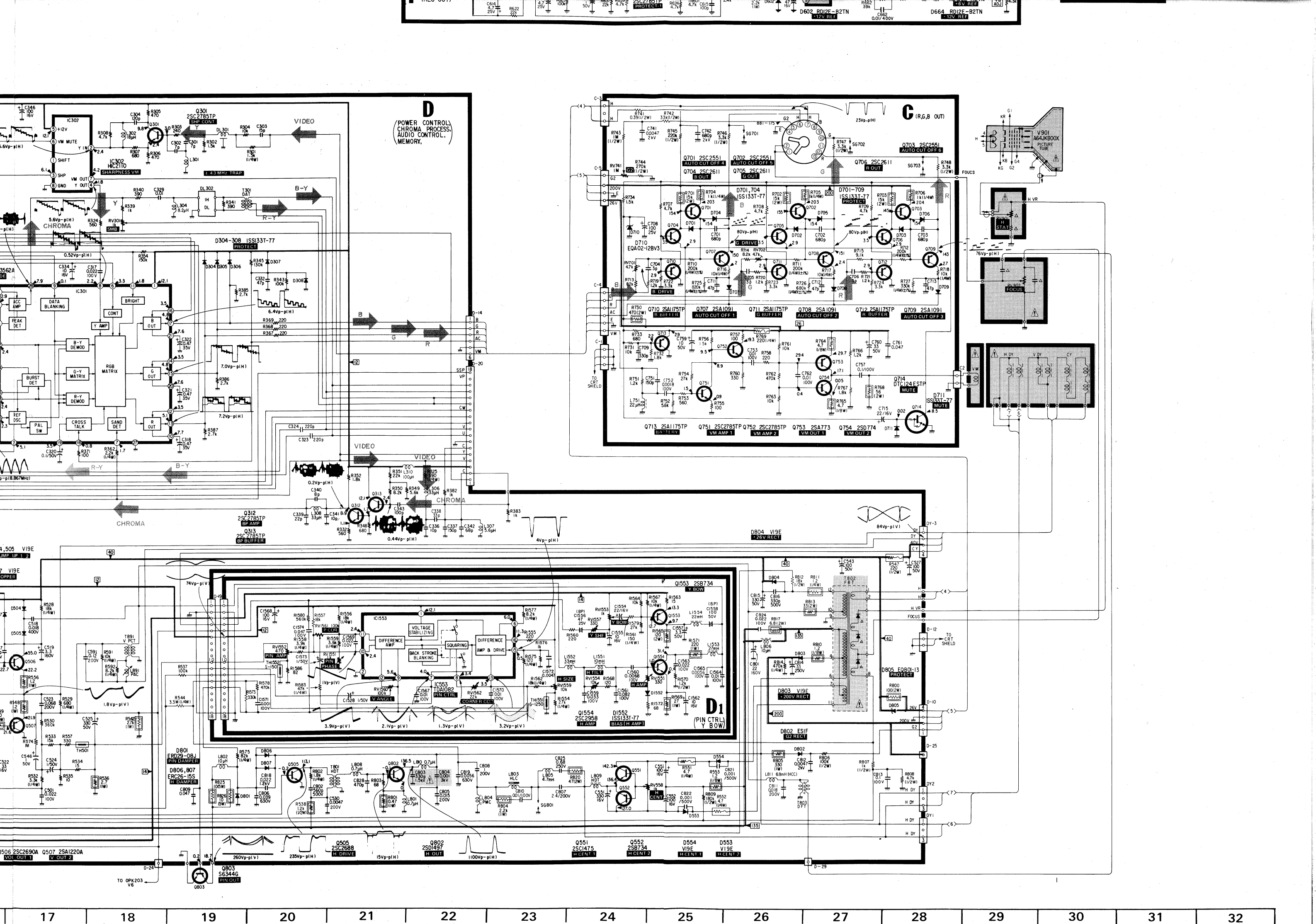
SCHEMATIC DIAGRAM



- : B - bus.
- : signal path.

- Voltages are dc with respect to ground unless otherwise noted.
- Reading are taken with a 10 M Ω digital multimeter.



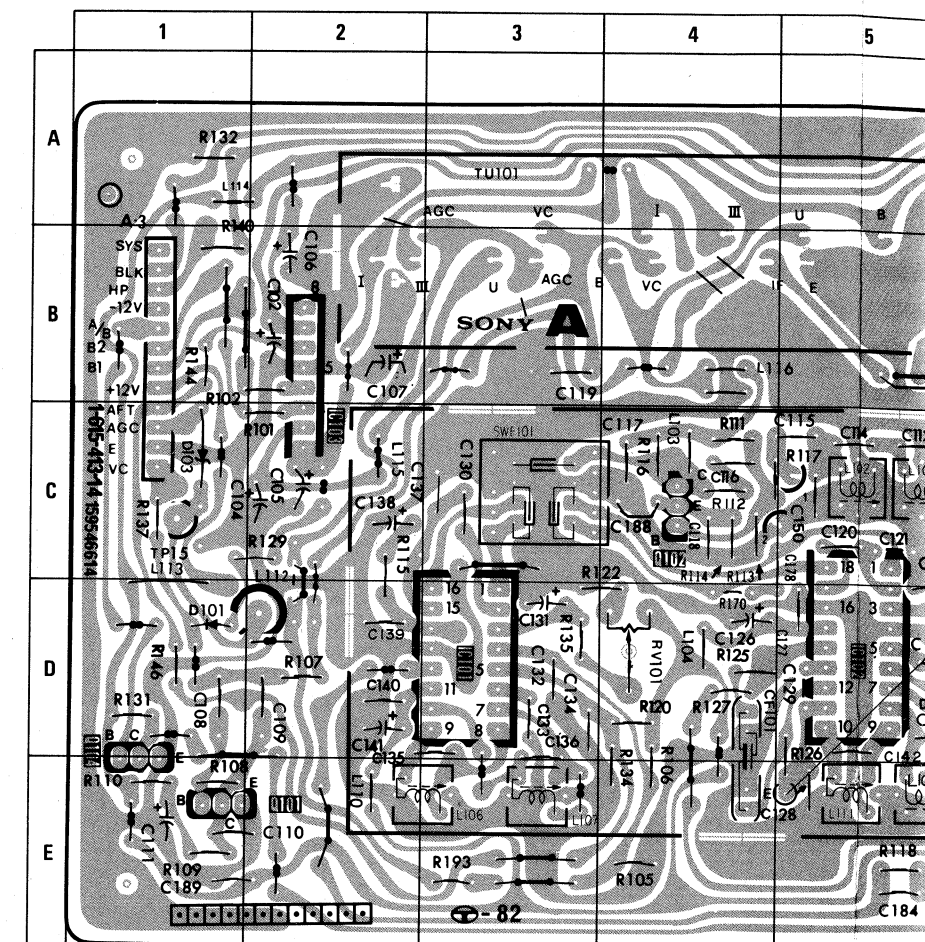


D

Note: All mounting diagrams are viewed from conductor side.

A

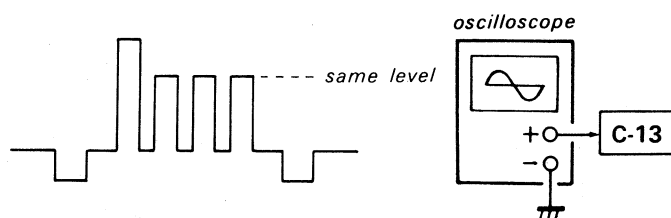
[BAND SW, QUASI, ID,]
[SIF, VIF, AFT, MATRIX]



SUB COLOR ADJUSTMENT

SUB BRIGHT

1. Receive a dot signal.
2. Set the BRIGHTNESS control at mechanical center.
3. Connect an Digital multi-meter at pin (11) of IC301.
4. Adjust to $2.0 \pm 0.2V$ with RV302.



D

CAPACITOR		C291 F-15	C810 C-3	D218 E-11	Q201 I-13	R201 J-11	R345 C-14	R552 J-4
		C301 C-15	C811 B-4	D219 E-11	Q206 H-11	R202 J-11	R347 A-12	R553 H-3
C001 E-6		C302 C-15	C812 G-2	D271 G-13	Q207 G-10	R203 J-9	R348 E-14	R554 F-9
C002 A-9		C303 E-14	C813 J-4	D303 B-11	Q208 H-11	R204 K-9	R349 D-14	R555 F-10
C003 A-8		C304 C-14	C814 H-2	D304 B-13		R205 K-9	R350 E-14	R556 F-8
C004		C309 A-14	C815 K-5	D305 C-13	Q201 C-14	R206 K-5		

TU. AGC ADJUSTMENT

1. *Tune in an off-air signal.*
2. *Adjust RV101 so that snow noise and cross-modulation disappear from the picture.*

SEPARATION ADJUSTMENT

1. Receive a stereo signal (L-CH 1 kHz, R-CH 400 Hz).
2. Confirm the stereo indicator.
3. Confirm the output 1 kHz signal at pin ⑨ of IC152.
4. Adjust RV151 so that minimum 1 kHz signal at pin ⑩ of IC152.

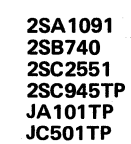
SIF ADJUSTMENT

1. Tune in an off-air signal.
2. Adjust L105 for maximum clear-sound.

A

CONNECTOR		C169	L113	R141
A1		C170 D-7	L114 A-1	R142 B-8
A2		C171 D-7	L116 B-4	R143 B-8
A3	A-1	C172 C-6	L117 C-6	R144 B-1
		C173 D-7	L170 E-6	R145 C-6
		C174 D-8	L171 E-7	R146 D-1
		C175 D-8		R151 B-7
		C176 D-9		R152 C-6
		C177 D-9	TRANSISTOR	R153 B-7
C102	B-2			

[PIN CTRL,Y BOW]



2SC2026-L

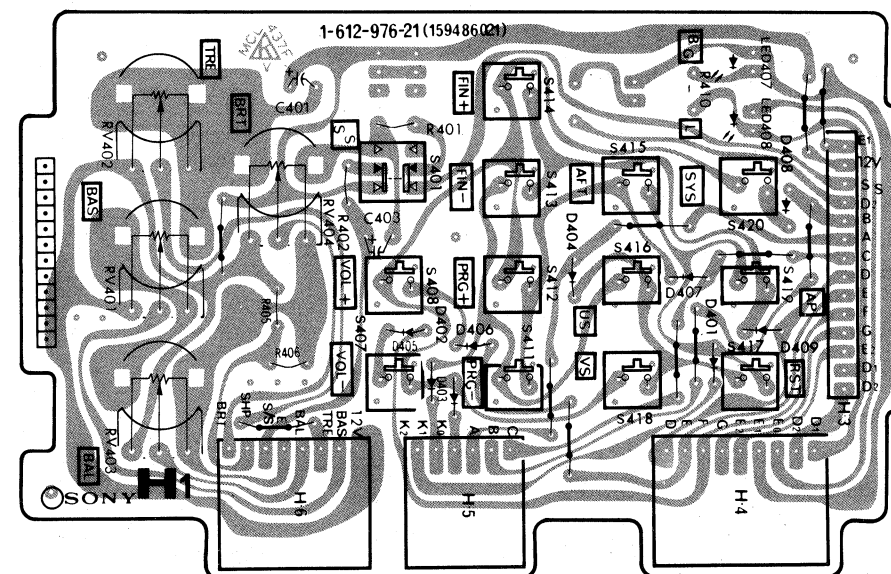


1S1555
ERD28-06
ERD28-08
EQA02-07DV3
EQA02-12BV3
RD12E-B2
RD12E-B2

GH3F
U05G

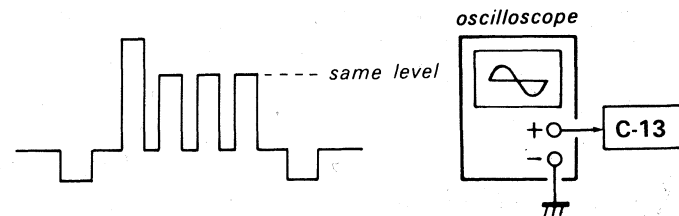


TLG124A
TLR124
TLY124



minimum and BRIGHTNESS control to Mechanical center.

3. Connect an Oscilloscope at pin (17) of IC301.
4. Adjust RV303 so that same level as shown.



APC ADJUSTMENT

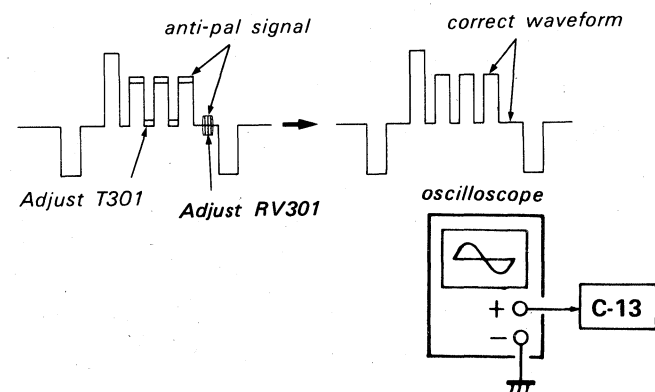
CV301 = C-12

1. Receive a color bar signal.
2. Each controls at normal.
3. Short circuit between pin (2) and pin (3) of IC301 with a jumper.
4. Connect Resistor (100 kΩ/1/4W) between pin (24) and pin (25).
5. Adjust CV301 to obtain the stable color picture.
6. Disconnect the Resistor and jumper.

1H DL ADJUSTMENT

T301 = E-12, RV301 = D-12

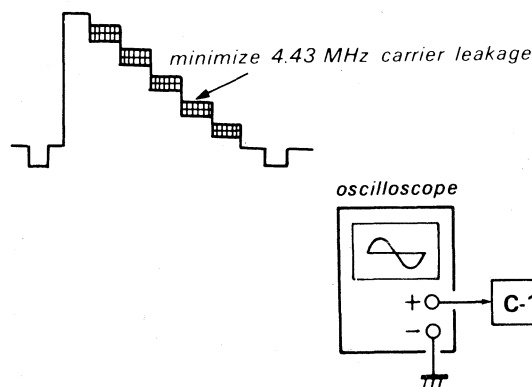
1. Receive a color bar signal.
2. Set the picture control at Norm and color control at minimum.
3. Connect an Oscilloscope at pin (17) of IC301.
4. Get tracking with both T301 and RV301 as shown.



4.43 MHz TRAP ADJUSTMENT

L301 = C-15

1. Receive a color-bar signal.
2. Connect an Oscilloscope at pin (17) of IC301.
3. Set the picture control at norm, color control at minimum and BRIGHTNESS control to mechanical center.
4. Adjust L301 for minimum 4.43 MHz component.



3. Connect an Digital multi-meter at pin (11) of IC301.
4. Adjust to 2.0±0.2V with RV302.

D

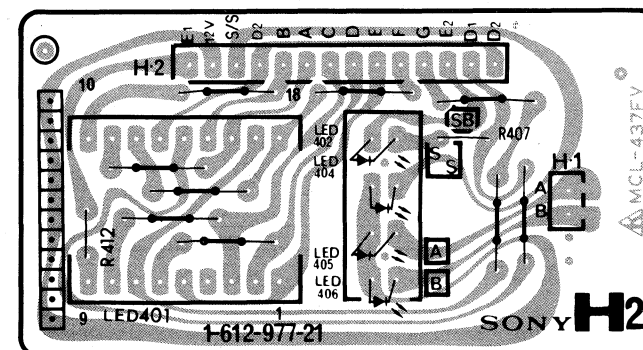
CAPACITOR	C291 F-15 C301 C-15 C302 C-15 C303 E-14 C304 C-14 C308 A-14 C309 A-14 C311 B-11 C312 B-12 C313 B-12 C001 E-6 C002 A-9 C003 A-8 C004 D-9 C005 D-9 C006 C-8 C007 C-8 C008 D-9 C009 B-5 C010 B-4 C011 B-6 C012 B-9 C015 B-5 C016 D-6 C017 A-5 C017A B-6 C018 A-5 C019 C-8 C020 A-8 C022 E-9 C026 E-10 C201 K-9 C202 J-10 C203 J-12 C204 K-9 C205 B-4 C206 J-9 C207 J-10 C208 I-12 C209 H-11 C210 I-11 C211 G-12 C212 D-10 C213 J-10 C214 K-10 C215 I-13 C216 I-13 C217 I-13 C218 H-13 C219 H-13 C220 H-13 C221 H-13 C222 G-13 C223 K-12 C224 K-12 C225 I-11 C226 I-11 C227 I-11 C228 J-11 C229 H-10 C230 G-10 C231 H-11 C232 J-13 C233 G-15 C234 G-13 C235 K-13 C236 I-15 C237 J-14 C238 C-11 C239 C-11 C240 B-11 C241 J-10 C243 H-10 C244 I-13 C245 G-13 C272 I-14 C273 I-14 C274 H-14 C276 G-14 C277 G-14 C278 J-15 C279 I-14 C280 J-13 C281 H-14 C282 J-14 C283 J-14 C284 I-15 C285 F-15 C288 K-13 C289 K-14 C290 I-15	C291 F-15 C301 C-15 C302 C-15 C303 E-14 C304 C-14 C308 A-14 C309 A-14 C311 B-11 C312 B-12 C313 B-12 C314 B-13 C315 A-12 C316 A-11 C317 A-12 C318 B-13 C319 B-14 C320 C-13 C321 D-13 C322 D-13 C323 D-13 C324 D-13 C325 D-13 C326 E-13 C327 D-13 C328 E-13 C329 D-11 C331 B-12 C332 C-14 C333 B-10 C334 A-11 C336 E-15 C337 F-14 C338 E-15 C339 B-13 C340 D-14 C341 D-14 C342 E-15 C343 E-13 C344 C-10 C346 B-14 C347 B-10 C348 A-13 C501 J-8 C502 J-7 C503 J-8 C504 J-8 C505 J-9 C506 K-9 C507 K-8 C508 K-8 C509 K-8 C510 K-7 C511 K-6 C512 K-7 C513 J-7 C514 K-7 C515 J-7 C516 G-8 C517 G-8 C518 H-8 C519 F-7 C520 H-9 C521 H-9 C522 G-9 C523 G-7 C524 I-7 C525 G-6 C527 F-5 C528 E-9 C529 J-9 C530 J-5 C531 G-6 C532 I-9 C533 G-6 C543 G-5 C545 J-9 C546 I-7 C551 J-4 C552 I-4 C553 I-4 C591 E-5 C801 H-4 C802 K-6 C803 F-1 C804 G-3 C805 G-4 C806 B-1 C807 E-3 C808 D-2 C809 E-1	C810 C-3 C811 B-4 C812 G-2 C813 J-4 C814 H-2 C815 K-5 C816 K-3 C818 F-2 C819 A-2 C821 I-4 C822 I-4 C824 H-3 C825 D-4 C828 H-1 D1 A-8 D3 C-9 D4 G-11 D5 I-4 D6 H-13 D7 E-7 D8 D-7 D10 G-4 D12 C-1 D14 B-14 D15 K-14 D16 K-14 D17 J-14 D18 J-12 D19 H-8 D20 F-12 D21 D-8 D22 K-10 D23 E-7 D24 F-7 D25 G-3 D26 H-4 D27 J-10 D28 J-10 D30 A-4 DY1 F-2 DY2 F-3 DY3 F-5 L801 G-1 L802 D-2 L803 D-4 L804 D-2 L805 C-3 L806 H-3 L808 H-1 L809 F-3 L810 G-2 L811 D-5 L891 F-6 D201 G-13 D205 I-11 D206 H-11 D212 F-11 D213 F-11 D214 F-11 D215 F-11 D216 F-11 D217 E-11	D218 E-11 D219 E-11 D271 G-13 D303 B-11 D304 B-13 D305 C-13 D306 C-13 D307 C-14 D308 C-14 D309 A-13 D501 K-6 D503 G-8 D504 G-8 D505 G-8 D506 G-9 D507 E-6 D551 I-8 D552 H-9 D553 I-3 D554 I-3 D555 I-7 D801 B-1 D802 G-2 D803 H-2 D804 K-4 D805 H-5 D806 F-1 D807 F-1 DL301 D-15 DL302 D-11 IC001 B-7 IC002 C-8 IC201 I-12 IC202 H-10 IC251 H-15 IC301 B-12 IC302 B-15 IC551 J-7 L001 A-5 L251 K-13 L252 K-15 L301 C-15 L302 B-15 L304 D-12 L306 E-15 L307 F-15 L308 C-14 L310 F-14 L801 G-1 L802 D-2 L803 D-4 L804 D-2 L805 C-3 L806 H-3 L808 H-1 L809 F-3 L810 G-2 L811 D-5 L891 F-6 R043 C-7 R044 C-7 R045 E-8 R046 B-5 R047 D-6 R048 A-5 R049 D-6 R050 E-7 R052 D-7 R053 E-6 R054 D-7 R056 B-5 R057 C-5 R060 E-6	Q201 I-13 Q206 H-11 Q207 G-10 Q208 H-11 Q301 C-14 Q305 A-14 Q309 A-14 Q310 C-10 Q311 A-10 Q312 D-14 Q313 D-14 Q502 I-9 Q504 I-9 Q505 K-5 Q506 F-9 Q507 H-7 Q508 H-9 Q510 J-9 Q511 F-10 Q512 E-9 Q514 F-8 Q551 I-5 Q552 I-5 Q802 G-1 Q803 D-1 R001 A-6 R002 A-6 R003 A-6 R004 A-6 R005 A-6 R006 A-6 R007 A-7 R008 A-7 R009 A-7 R010 A-7 R011 A-7 R012 A-7 R013 A-7 R014 A-7 R015 A-7 R016 B-7 R017 C-5 R018 B-8 R021 B-8 R022 A-9 R073 A-9 R074 C-6 R075 D-8 R076 B-5 R077 D-8 R078 C-7 R079 C-6 R030 C-6 R031 C-7 R032 B-8 R033 C-9 R034 C-9 R035 C-9 R037 B-8 R038 B-8 R039 C-8 R040 B-8 R041 C-8 R042 C-7 R043 C-7 R044 C-7 R045 E-8 R046 B-5 R047 D-6 R048 A-5 R049 D-6 R050 E-7 R052 D-7 R053 E-6 R054 D-7 R056 B-5 R057 C-5 R060 E-6	R201 J-11 R202 J-11 R203 J-9 R204 K-9 R205 K-9 R206 B-5 R207 H-11 R208 H-12 R209 H-12 R210 H-12 R211 G-11 R213 I-13 R214 H-13 R216 H-13 R217 I-13 R218 K-12 R219 K-12 R220 K-12 R221 I-10 R222 I-10 R228 I-10 R229 I-10 R230 I-11 R231 I-10 R232 K-11 R233 H-10 R234 G-10 R235 G-10 R236 G-10 R237 J-12 R238 H-11 R239 J-12 R240 G-12 R242 H-11 R243 C-9 R244 C-10 R245 G-13 R247 J-12 R248 H-13 R249 J-12 R251 D-11 R252 D-11 R253 D-11 R254 D-11 R255 J-11 R256 J-11 R257 K-11 R278 I-14 R279 I-14 R280 I-14 R281 H-15 R282 H-15 R283 I-13 R284 H-14 R285 G-14 R286 G-15 R287 G-14 R288 G-13 R289 I-14 R297 I-15 R298 G-15 R301 E-14 R302 D-14 R303 D-15 R304 E-14 R305 C-14 R306 C-15 R307 C-14 R308 C-15 R319 A-10 R323 A-13 R324 A-14 R325 E-14 R326 A-12 R332 D-14 R333 G-12 R334 D-13 R335 D-13 R336 D-13 R337 E-13 R338 D-13 R339 D-12 R340 C-11 R341 D-12 R342 B-12 R343 C-14 R344 B-10	R345 C-14 R347 A-12 R348 E-14 R349 D-14 R350 E-14 R351 D-14 R352 D-14 R353 C-10 R354 G-12 R356 A-13 R357 A-13 R358 B-9 R359 C-14 R360 F-14 R362 A-10 R364 B-10 R365 A-10 R366 A-12 R367 B-13 R368 B-13 R369 C-13 R370 C-10 R371 C-13 R373 B-10 R376 B-9 R377 B-9 R378 B-9 R379 A-12 R380 C-14 R381 A-12 R382 E-13 R383 E-13 R385 B-13 R386 C-13 R387 B-13 R390 F-12 R504 I-9 R505 I-9 R506 I-9 R507 J-9 R508 J-8 R509 J-8 R510 K-8 R511 K-9 R512 K-8 R513 K-6 R514 K-5 R515 K-6 R516 K-6 R517 K-6 R520 J-7 R521 I-6 R522 J-6 R523 G-8 R524 G-9 R525 H-9 R526 I-8 R527 G-9 R528 G-7 R529 G-7 R530 I-7 R531 I-10 R532 I-8 R533 I-7 R534 H-7 R535 I-8 R536 G-7 R537 I-6 R538 I-6 R539 J-9 R540 F-9 R541 G-9 R542 F-6 R544 J-6 R547 F-4 R548 G-7 R549 H-8 R550 J-7 R551 I-4 R552 J-4 R553 H-3 R554 F-9 R555 F-10 R556 F-8 R557 I-7 R558 I-9 R559 I-8 R560 H-8 R571 J-9 R572 J-9 R573 J-9 R574 I-7 R575 E-2 R578 I-8 R580 G-6 R591 E-5 R592 E-5 R593 I-7 R594 E-8 R595 E-8 R596 F-8 R597 I-8 R598 J-7 R599 G-6 R800 H-5 R801 H-1 R802 K-5 R803 G-1 R804 D-3 R805 G-2 R806 G-3 R807 J-4 R808 J-3 R809 J-4 R810 I-1 R811 K-3 R812 K-4 R813 J-5 R814 G-2 R817 H-3 R820 E-4 R825 C-2 R826 C-2	R141 B-8 R142 B-8 R143 B-1 R144 B-1 R145 C-6 R146 D-1 R151 B-7 R152 C-6 R153 B-7 R154 C-8 R155 C-8 R156 C-7 R157 D-8 R158 D-8 R159 D-8 R160 D-7 R161 D-9 R162 E-9 R166 A-9 R167 A-9 R168 A-8 R172 E-8 R173 E-7 R174 E-8 R175 D-7 R176 D-6 R177 D-6 R178 E-8 R179 E-8 R180 E-6 R181 E-6 R182 E-7 R183 C-8 R184 D-9 R185 B-7 R188 D-6 R191 D-9 R192 E-9 R193 E-3	L113 A-1 L114 B-4 L116 C-6 L117 C-6 L170 E-7 L171 E-7 Q101 E-2 Q102 C-4 Q103 E-8 Q104 D-1 Q105 B-8 Q151 E-9 Q152 E-8 Q153 B-6 Q154 B-9 Q155 A-9 Q156 A-9 Q157 B-9 Q158 B-9 Q172 E-7 Q173 D-6 Q174 D-6 Q175 D-9 R101 C-2 R102 B-1 R105 E-4 R106 E-4 R107 D-2 R108 E-1 R109 E-1 R110 E-1 R111 C-4 R112 C-4 R113 C-4 R114 C-4 R115 C-2 R116 C-4 R117 C-5 R118 E-8 R119 E-5 R120 D-4 R122 C-4 R125 D-4 R126 D-5 R127 D-4 R129 C-2 R131 D-1 R132 A-1 R134 E-4 R135 D-3 R136 B-8 R137 C-1 R140 B-1	CD151 A-6 CF101 D-4 CF102 E-6 CF151 B-7 D101 D-1 D102 A-8 D103 C-1 D104 C-6 D105 C-8 D151 B-6 D152 B-8 D153 B-9 D154 B-8 D170 C-7 D171 D-8 IC101 D-3 IC102 D-5 IC103 C-2 IC151 B-7 IC152 D-7 RV301 D-12 RV302 G-12 RV303 G-13 RV501 I-8 RV502 J-8 RV503 J-7 RV558 I-5 T301 E-12 T801 J-5 T802 J-2 T803 C-3 T891 D-5 TH501 I-7 X301 C-12 CP207 D-10
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A

CONNECTOR	A1 A2 A3	C169 D-7 C170 D-7 C171 D-7 C172 C-6 C173 D-7 C174 D-8 C175 D-8 C176 D-9 C177 D-9 C179 E-8	L113 A-1 L114 B-4 L116 C-6 L117 C-6 L170 E-7 L171 E-7	R141 B-8 R142 B-8 R143 B-1 R144 B-1 R145 C-6 R146 D-1 R151 B-7 R152 C-6 R153 B-7 R154 C-8 R155 C-8
CAPACITOR	C102 B-2 C104 C-1 C105 C-2 C106 B-2 C107 B-2 C108 D-1 C109 D-2 C110 E-2 C111 E-1 C112 C-5 C113 C-6 C114 C-5 C115 C-5 C116 C-4 C117 C-4 C118 C-4 C119 B-3 C120 C-5 C122 C-6 C123 D-5 C124 D-5 C126 D-4 C127 D-5 C128 E-5 C129 D-5 C130 C-3 C131 D-3 C132 D-3 C133 D-3 C134 D-3 C135 D-2 C136 D-3 C137 C-3 C138 C-2 C139 D-2 C140 D-2 C141 D-2 C142 D-5 C143 B-6 C144 C-5 C145 C-7 C146 C-8 C147 C-6 C148 B-7 C149 B-6 C150 C-5 C151 A-7 C152 B-7 C153 B-8 C154 A-8 C155 A-7 C156 C-8 C157 C-8 C158 C-8 C159 B-7 C160 B-8 C164 C-6 C165 C-7 C167 C-7 C168 C-8	C180 E-7 C181 D-7 C182 E-7 C183 E-7 C184 E-5 C186 E-8 C188 C-4 C189 E-1 C180 E-7 C181 D-7 C182 E-7 C183 E-7 C184 E-5 C186 E-8 C188 C-4 C189 E-1 R596 F-8 R597 I-8 R598 J-7 R599 G-6 R800 H-5 R801 H-1 R802 K-5 R803 G-1 R804 D-3 R805 G-2 R806 G-3 R807 J-4 R808 J-3 R809 J-4 R810 I-1 R811 K-3 R812 K-4 R813 J-5 R814 G-2 R817 H-3 R820 E-4 R825 C-2 R826 C-2 RV301 D-12 RV302 G-12 RV303 G-13 RV501 I-8 RV502 J-8 RV503 J-7 RV558 I-5 T301 E-12 T801 J-5 T802 J-2 T803 C-3 T891 D-5 TH501 I-7 X301 C-12 CP207 D-10	Q101 E-2 Q102 C-4 Q103 E-8 Q104 D-1 Q105 B-8 Q151 E-9 Q152 E-8 Q153 B-6 Q154 B-9 Q155 A-9 Q156 A-9 Q157 B-9 Q158 B-9 Q172 E-7 Q173 D-6 Q174 D-6 Q175 D-9 R101 C-2 R102 B-1 R105 E-4 R106 E-4 R107 D-2 R108 E-1 R109 E-1 R110 E-1 R111 C-4 R112 C-4 R113 C-4 R114 C-4 R115 C-2 R116 C-4 R117 C-5 R118 E-8 R119 E-5 R120 D-4 R122 C-4 R125 D-4 R126 D-5 R127 D-4 R129 C-2 R131 D-1 R132 A-1 R134 E-4 R135 D-3 R136 B-8 R137 C-1 R140 B-1	DISCRIMINATOR CD151 A-6 FILTER CF101 D-4 CF102 E-6 CF151 B-7 DIODE D101 D-1 D102 A-8 D103 C-1 D104 C-6 D105 C-8 D151 B-6 D152 B-8 D153 B-9 D154 B-8 D170 C-7 D171 D-8 IC IC101 D-3 IC102 D-5 IC103 C-2 IC151 B-7 IC152 D-7 COIL L101 C-5 L102 C-5 L103 C-4 L104 D-4 L105 E-5 L106 E-3 L107 E-3 L109 E-6 L110 E-2 L111 E-5 SPARK GAP SG801 D-3 TRANSFORMER T301 E-12 T801 J-5 T802 J-2 T803 C-3 T891 D-5 THERMISTOR TH501 I-7 CRYSTAL X301 C-12 COMBINATION PARTS CP207 D-10

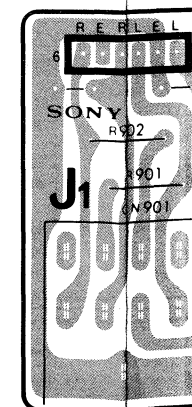
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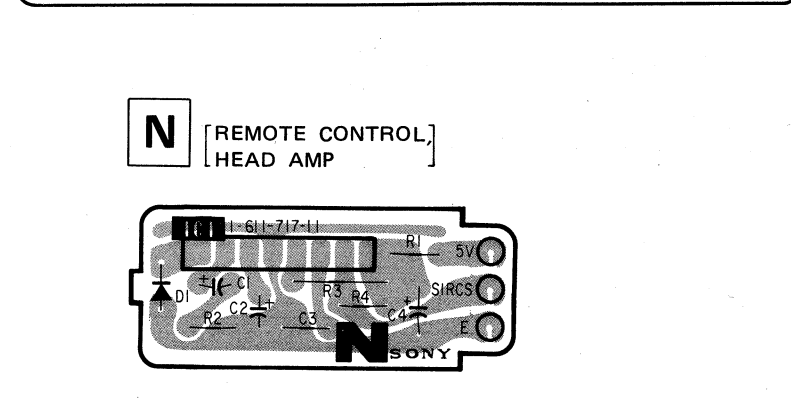
[INDICATOR]



J1

AUDIO OUTPUT





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